FCC SAR Test Report

APPLICANT	**: Motorola Mobility LLC**
EQUIPMENT	**: Mobile Cellular Phone**
BRAND NAME	**: Motorola**
MODEL NAME	**: XT2551-1, XT2551-2, XT2551-6**
FCC ID	**: IHDT56AU1**
STANDARD	**: FCC 47 CFR Part 2 (2.1093)**

We, Sporton International Inc. (Kunshan), would like to declare that the tested sample has been evaluated in accordance with the test procedures given in 47 CFR Part 2.1093 and FCC KDB and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. (Kunshan), the test report shall not be reproduced except in full.

Si Zhang

Approved by: Si Zhang

ACCREDITED Cert #5145.02

Sporton International Inc. (Kunshan)
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Revision History

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FA4N2802	Rev. 01	Initial issue of report.	Jan. 13, 2025
FA4N2802	Rev. 02	1. Updated the conducted power and SAR test result for 5G NR n70 DSI6 /n25 DSI3 Ant3, n48 DSI11 Ant5, LTE B30 DSI11 Ant3; 2. Updated WLAN 5.2GHz relevant data at hotspot exposure condition in closed state; 3. Updated WLAN 5.8GHz relevant data at body-worn exposure condition in opened state; 4. Updated Linearity Data n41 Body-worn close Ant 1 and n77 Part 27O Hotspot close Ant 5; 5. Updated LTE B71 Ant 0, GSM850 Ant 0, 5GNR n71 Ant 0 relevant data for hotspot exposure condition in closed state; 6. Updated LTE B71/B30 Ant 0, LTE B14/66 Atn1, GSM850 Ant 0, 5GNR n71 Ant 0, 5GNR n41 ant1 relevant data for Body worn exposure condition in closed state; This report is an update version, replacing the report issued on Jan. 13, 2025.	Feb. 13, 2025

1. Statement of Compliance

The maximum results of Specific Absorption Rate (SAR) found during testing for **Motorola Mobility LLC, Mobile Cellular Phone, XT2551-1, XT2551-2, XT2551-6,** are as follows.

Highest 1g SAR Summary						
Equipment Class	Frequency Band		Head (Separation 0mm)	Hotspot (Separation 5mm)	Body-worn (Separation 5mm)	Highest Simultaneous Transmission
			1g SAR (W/kg)			1g SAR (W/kg)
Licensed	GSM	GSM850	0.34	0.69	0.69	1.58
		GSM1900	1.29	1.28	1.26	
	WCDMA	WCDMA II	1.27	1.28	1.30	
		WCDMA IV	1.27	1.29	1.28	
		WCDMA V	0.30	0.99	0.85	
	LTE	LTE Band 12/17	0.29	0.90	0.84	
		LTE Band 13	0.20	0.74	0.64	
		LTE Band 14	0.26	0.91	0.82	
		LTE Band 71	0.30	1.15	0.82	
		LTE Band 26/5	0.33	0.98	0.96	
		LTE Band 66/4	1.29	1.29	1.29	
		LTE Band 25/2	1.28	1.28	1.29	
		LTE Band 30	1.29	1.29	1.29	
		LTE Band 7	1.28	1.29	1.29	
		LTE Band 41/38	1.29	1.29	1.30	
		LTE Band 42	1.29	1.30	1.30	
		LTE Band 48/43	1.29	1.30	1.29	
	5G NR	FR1 n12	0.16	0.72	0.50	
		FR1 n14	0.20	0.64	0.64	
		FR1 n71	0.19	0.62	0.49	
		FR1 n26/n5	0.19	0.65	0.65	
		FR1 n66	1.29	1.30	1.29	
		FR1 n70	1.30	1.29	1.29	
		FR1 n25/n2	1.29	1.29	1.29	
		FR1 n30	1.29	1.29	1.28	
		FR1 n7	1.28	1.29	1.30	
		FR1 n41/n38	1.29	1.29	1.29	
		FR1 n48	1.28	1.29	1.30	
		FR1 n77/n78	1.29	1.30	1.29	
DTS	WLAN	2.4GHz WLAN	**1.36**	**1.41**	**1.41**	1.58
NII		5GHz WLAN	1.15	1.15	1.15	1.58
DSS	Bluetooth	2.4GHz Bluetooth	1.29	1.27	1.29	1.58

Highest 10g SAR Summary				
Equipment Class	Frequency Band		Product Specific 10g SAR (W/kg) (Separation 0mm)	Highest Simultaneous Transmission 10g SAR (W/kg)
Licensed	GSM	GSM1900	2.14	3.94
	WCDMA	WCDMA II	3.19	
		WCDMA IV	3.18	
	LTE	LTE Band 66/4	3.15	
		LTE Band 25/2	3.16	
		LTE Band 30	3.16	
		LTE Band 7	3.19	
		LTE Band 41/38	**3.20**	
		LTE Band 42	3.19	
		LTE Band 48/43	3.19	
	5G NR	FR1 n66	3.16	
		FR1 n70	2.88	
		FR1 n25/n2	3.19	
		FR1 n30	3.18	
		FR1 n7	3.16	
		FR1 n41/n38	3.19	
		FR1 n48	3.19	
		FR1 n77/n78	**3.20**	
DTS	WLAN	2.4GHz WLAN	3.14	3.94
NII		5GHz WLAN	3.16	3.94
DSS	Bluetooth	2.4GHz Bluetooth	2.02	3.94
Date of Testing:			2024/12/8 ~ 2025/2/6	

Remark:

1. This device supports LTE B2 / B4 / B5 / B17 / B38/ B42(3550MHz~3600 MHz)/B43 and B25 / B66 / B26 / B12 / B41/ B48. Since the supported frequency span for LTE B2 /B4 / B5 / B17 / B38/B42(3550MHz~3600 MHz)/ B43 falls completely within the supports frequency span for LTE B25 / B66 / B26 / B12 / B41/ B48, both LTE bands have the same target power, and both LTE bands share the same transmission path; therefore, SAR was only assessed for LTE B25 / B66 / B26 / B12 / B41/ B48.
2. This device supports 5GNR n38/n5/n78/n2 and n41/n26/n77/n25. Since the supported frequency span for 5GNR n38/n5/n78/n2 falls completely within the supports frequency span for n41/n26/n77/n25, both 5GNR bands have the same target power, and both 5GNR bands share the same transmission path; therefore, SAR was only assessed for n41/n26/n77/n25.

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

This device is in compliance with Specific Absorption Rate (SAR) for general population/uncontrolled exposure limits (1.6 W/kg for Partial-Body 1g SAR, 4.0 W/kg for Product Specific 10g SAR) specified in FCC 47 CFR part 2 (2.1093) and ANSI/IEEE C95.1-1992, and had been tested in accordance with the measurement methods and procedures specified in IEEE 1528-2013 and FCC KDB publications.

2. Administration Data

Sporton International Inc. (Kunshan) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.02.

Testing Laboratory			
Test Firm	Sporton International Inc. (Kunshan)		
Test Site Location	No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300 People's Republic of China TEL : +86-512-57900158		
Test Site No.	Sporton Site No.	FCC Designation No.	FCC Test Firm Registration No.
	SAR06-KS SAR07-KS SAR04-KS	CN1257	314309

Applicant	
Company Name	Motorola Mobility LLC
Address	222 W,Merchandise Mart Plaza, Chicago IL 60654 USA

Manufacturer	
Company Name	Motorola Mobility LLC
Address	222 W,Merchandise Mart Plaza, Chicago IL 60654 USA

3. Guidance Applied

The Specific Absorption Rate (SAR) testing specification, method, and procedure for this device is in accordance with the following standards:

- FCC 47 CFR Part 2 (2.1093)
- ANSI/IEEE C95.1-1992
- IEEE 1528-2013
- FCC KDB 865664 D01 SAR Measurement 100 MHz to 6 GHz v01r04
- FCC KDB 865664 D02 SAR Reporting v01r02
- FCC KDB 447498 D01 General RF Exposure Guidance v06
- FCC KDB 648474 D04 SAR Evaluation Considerations for Wireless Handsets v01r03
- FCC KDB 248227 D01 802.11 Wi-Fi SAR v02r02
- FCC KDB 616217 D04 SAR for laptop and tablets v01r02
- FCC KDB 941225 D01 3G SAR Procedures v03r01
- FCC KDB 941225 D05 SAR for LTE Devices v02r05
- FCC KDB 941225 D05A Rel.10 LTE SAR Test Guidance v01r02
- FCC KDB 941225 D06 Hotspot Mode SAR v02r01

4. Equipment Under Test (EUT) Information

4.1 General Information

Product Feature & Specification	
Equipment Name	Mobile Cellular Phone
Brand Name	Motorola
Model Name	XT2551-1, XT2551-2, XT2551-6
FCC ID	IHDT56AU1
IMEI Code	IMEI 1: 350086570035456 IMEI 2: 350086570035464
Wireless Technology and Frequency Range	GSM850: 824 MHz ~ 849 MHz GSM1900: 1850MHz ~ 1910MHz WCDMA Band II: 1850 MHz ~ 1910 MHz WCDMA Band IV: 1710 MHz ~ 1755 MHz WCDMA Band V: 824 MHz ~ 849 MHz LTE Band 2: 1850 MHz ~ 1910 MHz LTE Band 4: 1710 MHz ~ 1755 MHz LTE Band 5: 824 MHz ~ 849 MHz LTE Band 7: 2500 MHz ~ 2570 MHz LTE Band 12: 699 MHz ~ 716 MHz LTE Band 13: 777 MHz ~ 787 MHz LTE Band 14: 788 MHz ~ 798 MHz LTE Band 17: 704 MHz ~ 716 MHz LTE Band 25: 1850 MHz ~ 1915 MHz LTE Band 26: 814 MHz ~ 849 MHz LTE Band 30: 2305 MHz ~ 2315 MHz LTE Band 38: 2570 MHz ~ 2620 MHz LTE Band 41: 2496 MHz ~ 2690 MHz LTE Band 42: 3450 MHz ~ 3600 MHz LTE Band 43: 3600 MHz ~ 3700 MHz LTE Band 48: 3550 MHz ~ 3700 MHz LTE Band 66: 1710 MHz ~ 1780 MHz LTE Band 71: 663 MHz ~ 698 MHz 5G NR n2 : 1850 MHz ~ 1910 MHz 5G NR n5 : 824 MHz ~ 849 MHz 5G NR n7 : 2500 MHz ~ 2570 MHz 5G NR n12 : 699 MHz ~ 716 MHz 5G NR n14 : 788 MHz ~ 798 MHz 5G NR n25 : 1850 MHz ~ 1915 MHz 5G NR n26 : 814 MHz ~ 849 MHz 5G NR n30 : 2305 MHz ~ 2315 MHz 5G NR n38 : 2570 MHz ~ 2620 MHz 5G NR n41 : 2496 MHz ~ 2690 MHz 5G NR n48 : 3550 MHz ~ 3700 MHz 5G NR n66 : 1710 MHz ~ 1780 MHz 5G NR n70 : 1695 MHz ~ 1710 MHz 5G NR n71 : 663 MHz ~ 698 MHz 5G NR n77: 3700 MHz ~ 3980 MHz, 3450MHz ~ 3550MHz 5G NR n78: 3700 MHz ~ 3800 MHz, 3450MHz ~ 3550MHz WLAN 2.4GHz Band: 2412 MHz ~ 2462 MHz WLAN 5.2GHz Band: 5180 MHz ~ 5240 MHz WLAN 5.3GHz Band: 5260 MHz ~ 5320 MHz WLAN 5.5GHz Band: 5500 MHz ~ 5720 MHz WLAN 5.8GHz Band: 5745 MHz ~ 5825 MHz WLAN 6GHz U-NII 5: 5925 MHz ~ 6425 MHz WLAN 6GHz U-NII 6: 6425 MHz ~ 6525 MHz WLAN 6GHz U-NII 7: 6525 MHz ~ 6875 MHz WLAN 6GHz U-NII 8: 6875 MHz ~ 7125 MHz Bluetooth: 2402 MHz ~ 2480 MHz NFC : 13.56 MHz

	WPT: 115 KHz ~ 145 KHz UWB: 6489.6MHz & 7987.2MHz
Mode	GSM/GPRS/EGPRS RMC/AMR 12.2Kbps HSDPA/HSUPA DC-HSDPA HSPA+ (16QAM uplink is not supported) LTE: QPSK, 16QAM, 64QAM, 256QAM 5G NR: DFT-s-OFDM/CP-OFDM, Pi/2 BPSK/QPSK/16QAM/64QAM/256QAM WLAN 2.4GHz 802.11b/g/n HT20/HT40 WLAN 2.4GHz 802.11ax HE20/HE40 WLAN 2.4GHz 802.11be EHT20/EHT40 WLAN 5GHz 802.11a/n HT20/HT40 WLAN 5GHz 802.11ac VHT20/VHT40/VHT80/VHT160 WLAN 5GHz 802.11ax HE20/HE40/HE80/HE160 WLAN 5GHz 802.11be EHT20/EHT40/EHT80/EHT160 WLAN 6GHz 802.11a/ax HE20/HE40/HE80/HE160 WLAN 6GHz 802.11be EHT20/EHT40/EHT80/EHT160/EHT320 Bluetooth BR/EDR/LE NFC: ASK WPT: ASK UWB: BPM-BPSK
HW Version	DVT2
SW Version	V2VL35.5
GSM / (E)GPRS Transfer mode	Class B – EUT cannot support Packet Switched and Circuit Switched Network simultaneously but can automatically switch between Packet and Circuit Switched Network.
EUT Stage	Identical Prototype

Remark:

1. This device supports VoIP in GPRS, EGPRS, WCDMA, LTE and 5GNR (e.g. for 3rd-party VoIP), LTE supports VoLTE operation.
2. This device 2.4GHz WLAN support hotspot operation and Bluetooth support tethering applications.
3. This device 5.2GHz WLAN/5.8GHz WLAN support hotspot operation, and 5.2GHz WLAN/5.8GHz WLAN supports WiFi Direct (GC/GO), and 5.3GHz / 5.5GHz supports WiFi Direct (GC only). WLAN 6GHz has no hotspot function.
4. This device does not support DTM operation and supports GPRS/EGPRS mode up to multi-slot class 12.
5. The 2.4GHz/5GHz/6GHz WLAN can transmit in SISO/MIMO antenna mode.
6. This device supports dual SIM dual standby. The WWAN radio transmission will be enabled by either one SIM at a time (single active).
7. The device implements the power management, Hall sensor and proximity sensor /receiver detection/hotspot mode for SAR compliance at different exposure conditions (head, body-worn, hotspot, extremity) and the Qualcomm smart transmit will manage to ensure the power level not exceeding the associated power table. Details about the power management decision and sensor detection are provided in the operational description. And the device will invoke corresponding work scenarios power level base on frequency bands/antennas, which can refer to power table at appendix E.
8. This device implements antenna tuning techniques for several WWAN (cellular) operating modes and frequencies for the purpose of improving antenna efficiency over a broad range of frequencies. Specifically, these techniques are employed in the GSM, WCDMA, LTE and 5GNR modes. In this report SAR was measured according to the normally required SAR configurations with the tuner active and worst tune state (auto tune) was used for SAR testing. The detail descriptions of the antenna tuner and supplemental data for additional information can be referred to section 18 and appendix H.
9. This device supports HPUE mode for LTE Band41 and 5GNR n41/n77/n78 with higher power. For HPUE power is higher than power class 3 but with lower duty cycle, the maximum average power for class 2 and class 3 is almost the same, so we chose power class 3 full SAR testing and power class 2 verify the worst case of power class 3 SAR.
10. For 5GNR n41/n77/n78 HPUE, 5GNR n41/n77/n78 PC2 Maximum Duty Cycle is 50%, using FTM (Factory Test Mode) with 50% duty cycle is considered during SAR testing. For 5G NR other bands, using FTM to perform SAR with default 100% transmission.
11. 5G NR n2/n25/n41/n48/ n66/n77/n78 supports UL MIMO mode.
12. The device supports HPUE (power class 2) under SISO mode and HPUE (power class 1.5) under UL MIMO mode for 5G NR n41/n77.
13. The UWB output power is -7.5 dBm and it is less than 1mW and exempt from power density testing.
14. The different model names XT2551-1, XT2551-2, XT2551-6 are only for market segment purpose, there is no other difference.

15. RF exposure report for WPC (Wireless power charging) will be separately submitted.
16. This device has NFC function and the NFC SAR report will be separately submitted.
17. SAR and Power density test report for WLAN 6GHz U-NII-5/6/7/8 will be separately submitted. About co-located SAR with WWAN/Bluetooth always chose higher SAR of WLAN5GHz U-NII-1/2A/2C/3 and WLAN 6GHz U-NII-5/6/7/8.
18. This device supports 5GNR FR1 bands as following table, including NSA mode and SA mode. NSA and SA mode performed SAR separately.

<5G NR>

Mode	Band	Duplex	SCS(KHz)	Bandwidths(BW)
NSA	n2	FDD	15	5, 10, 15, 20, 25, 30, 35, 40
	n5	FDD	15	5, 10, 15, 20
	n7	FDD	15	5, 10, 15, 20, 25, 30, 35, 40
	n12	FDD	15	5, 10, 15
	n25	FDD	15	5, 10, 15, 20, 25, 30, 35 ,40
	n26	FDD	15	5, 10, 15, 20
	n66	FDD	15	5, 10, 15, 20, 25, 30, 35, 40
	n71	FDD	15	5, 10, 15, 20, 25, 30, 35
	n38	TDD	30	10, 15, 20, 25, 30, 40
	n41	TDD	30	10, 15, 20, 25, 30, 35, 40, 45, 50, 60, 70, 80, 90, 100
	n48	TDD	30	10, 15, 20, 30, 40
	n77	TDD	30	10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100
	n78	TDD	30	10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100
SA	n2	FDD	15	5, 10, 15, 20, 25, 30, 35, 40
	n5	FDD	15	5, 10, 15, 20
	n7	FDD	15	5, 10, 15, 20, 25, 30, 35, 40, 50
	n12	FDD	15	5, 10, 15
	n14	FDD	15	5, 10
	n25	FDD	15	5, 10, 15, 20, 25, 30, 35 ,40, 45
	n26	FDD	15	5, 10, 15, 20
	n30	FDD	15	5, 10
	n66	FDD	15	5, 10, 15, 20, 25, 30, 35, 40, 45
	n70	FDD	15	5, 10, 15
	n71	FDD	15	5, 10, 15, 20, 25, 30, 35
	n38	TDD	30	10, 15, 20, 25, 30, 40
	n41	TDD	30	10, 15, 20, 25, 30, 35, 40, 45, 50, 60, 70, 80, 90, 100
	n48	TDD	30	10, 15, 20, 30, 40
	n77	TDD	30	10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100
	n78	TDD	30	10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100

4.2 General LTE SAR Test and Reporting Considerations

<table>
<tr><th colspan="2">Summarized necessary items addressed in KDB 941225 D05 v02r05</th></tr>
<tr><td>FCC ID</td><td>IHDT56AU1</td></tr>
<tr><td>Equipment Name</td><td>Mobile Cellular Phone</td></tr>
<tr><td>Operating Frequency Range of each LTE transmission band</td><td>LTE Band 2: 1850 MHz ~ 1910 MHz
LTE Band 4: 1710 MHz ~ 1755 MHz
LTE Band 5: 824 MHz ~ 849 MHz
LTE Band 7: 2500 MHz ~ 2570 MHz
LTE Band 12: 699 MHz ~ 716 MHz
LTE Band 13: 777 MHz ~ 787 MHz
LTE Band 14: 788 MHz ~ 798 MHz
LTE Band 17: 704 MHz ~ 716 MHz
LTE Band 25: 1850 MHz ~ 1915 MHz
LTE Band 26: 814 MHz ~ 849 MHz
LTE Band 30: 2305 MHz ~ 2315 MHz
LTE Band 38: 2570 MHz ~ 2620 MHz
LTE Band 41: 2496 MHz ~ 2690 MHz
LTE Band 42: 3450 MHz ~ 3600 MHz
LTE Band 43: 3600 MHz ~ 3700 MHz
LTE Band 48: 3550 MHz ~ 3700 MHz
LTE Band 66: 1710 MHz ~ 1780 MHz
LTE Band 71: 663 MHz ~ 698 MHz</td></tr>
<tr><td>Channel Bandwidth</td><td>LTE Band 2:1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
LTE Band 4:1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
LTE Band 5:1.4MHz, 3MHz, 5MHz, 10MHz
LTE Band 7: 5MHz, 10MHz, 15MHz, 20MHz
LTE Band 12:1.4MHz, 3MHz, 5MHz, 10MHz
LTE Band 13: 5MHz, 10MHz
LTE Band 14: 5MHz, 10MHz
LTE Band 17: 5MHz, 10MHz
LTE Band 25:1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
LTE Band 26:1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz
LTE Band 30: 5MHz, 10MHz
LTE Band 38: 5MHz, 10MHz, 15MHz, 20MHz
LTE Band 41: 5MHz, 10MHz, 15MHz, 20MHz
LTE Band 42: 5MHz, 10MHz, 15MHz, 20MHz
LTE Band 43: 5MHz, 10MHz, 15MHz, 20MHz
LTE Band 48: 5MHz, 10MHz, 15MHz, 20MHz
LTE Band 66:1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
LTE Band 71: 5MHz, 10MHz, 15MHz, 20MHz</td></tr>
<tr><td>uplink modulations used</td><td>QPSK / 16QAM / 64QAM / 256QAM</td></tr>
<tr><td>LTE Voice / Data requirements</td><td>Voice and Data</td></tr>
<tr><td>LTE Release Version</td><td>R17</td></tr>
<tr><td>CA Support</td><td>Supported, Uplink and Downlink</td></tr>
<tr><td>LTE MPR permanently built-in by design</td><td>Table 6.2.3-1: Maximum Power Reduction (MPR) for Power Class 1, 2 and 3
<table>
<tr><th rowspan="2">Modulation</th><th colspan="6">Channel bandwidth / Transmission bandwidth (N_{RB})</th><th rowspan="2">MPR (dB)</th></tr>
<tr><th>1.4 MHz</th><th>3.0 MHz</th><th>5 MHz</th><th>10 MHz</th><th>15 MHz</th><th>20 MHz</th></tr>
<tr><td>QPSK</td><td>> 5</td><td>> 4</td><td>> 8</td><td>> 12</td><td>> 16</td><td>> 18</td><td>≤ 1</td></tr>
<tr><td>16 QAM</td><td>≤ 5</td><td>≤ 4</td><td>≤ 8</td><td>≤ 12</td><td>≤ 16</td><td>≤ 18</td><td>≤ 1</td></tr>
<tr><td>16 QAM</td><td>> 5</td><td>> 4</td><td>> 8</td><td>> 12</td><td>> 16</td><td>> 18</td><td>≤ 2</td></tr>
<tr><td>64 QAM</td><td>≤ 5</td><td>≤ 4</td><td>≤ 8</td><td>≤ 12</td><td>≤ 16</td><td>≤ 18</td><td>≤ 2</td></tr>
<tr><td>64 QAM</td><td>> 5</td><td>> 4</td><td>> 8</td><td>> 12</td><td>> 16</td><td>> 18</td><td>≤ 3</td></tr>
<tr><td>256 QAM</td><td colspan="6">≥ 1</td><td>≤ 5</td></tr>
</table></td></tr>
<tr><td>LTE A-MPR</td><td>In the base station simulator configuration, Network Setting value is set to NS_01 to disable A-MPR during SAR testing and the LTE SAR tests was transmitting on all TTI frames (Maximum TTI)</td></tr>
<tr><td>Spectrum plots for RB configuration</td><td>A properly configured base station simulator was used for the SAR and power measurement; therefore, spectrum plots for each RB allocation and offset configuration are not included in the SAR report.</td></tr>
<tr><td>Power reduction applied to satisfy SAR compliance</td><td>Yes, when operating in Proximity sensors/receiver/hotspot detect mechanism, head/body -worn /hotspot/extremity will trigger reduced power for some bands applied to satisfy SAR compliance, the detail please referred to section 14.</td></tr>
<tr><td>LTE Carrier Aggregation Combinations</td><td>Inter-Band and Intra-Band possible combinations and the detail power verification please referred to section 14.</td></tr>
</table>

LTE Carrier Aggregation Additional Information	1. This device supports LTE Carrier Aggregation (CA) in the uplink for intra-band and inter-band with two component carriers in the uplink. SAR Measurements and conducted powers were evaluated per FCC Guidance. 2. This device supports maximum of 5 carriers in the downlink and 2 carriers in the uplink.

Transmission (H, M, L) channel numbers and frequencies in each LTE band

LTE Band 2

	Bandwidth 1.4 MHz		Bandwidth 3 MHz		Bandwidth 5 MHz		Bandwidth 10 MHz		Bandwidth 15 MHz		Bandwidth 20 MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	18607	1850.7	18615	1851.5	18625	1852.5	18650	1855	18675	1857.5	18700	1860
M	18900	1880	18900	1880	18900	1880	18900	1880	18900	1880	18900	1880
H	19193	1909.3	19185	1908.5	19175	1907.5	19150	1905	19125	1902.5	19100	1900

LTE Band 4

	Bandwidth 1.4 MHz		Bandwidth 3 MHz		Bandwidth 5 MHz		Bandwidth 10 MHz		Bandwidth 15 MHz		Bandwidth 20 MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	19957	1710.7	19965	1711.5	19975	1712.5	20000	1715	20025	1717.5	20050	1720
M	20175	1732.5	20175	1732.5	20175	1732.5	20175	1732.5	20175	1732.5	20175	1732.5
H	20393	1754.3	20385	1753.5	20375	1752.5	20350	1750	20325	1747.5	20300	1745

LTE Band 5

	Bandwidth 1.4 MHz		Bandwidth 3 MHz		Bandwidth 5 MHz		Bandwidth 10 MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	20407	824.7	20415	825.5	20425	826.5	20450	829
M	20525	836.5	20525	836.5	20525	836.5	20525	836.5
H	20643	848.3	20635	847.5	20625	846.5	20600	844

LTE Band 7

	Bandwidth 5 MHz		Bandwidth 10 MHz		Bandwidth 15 MHz		Bandwidth 20 MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	20775	2502.5	20800	2505	20825	2507.5	20850	2510
M	21100	2535	21100	2535	21100	2535	21100	2535
H	21425	2567.5	21400	2565	21375	2562.5	21350	2560

LTE Band 12

	Bandwidth 1.4 MHz		Bandwidth 3 MHz		Bandwidth 5 MHz		Bandwidth 10 MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	23017	699.7	23025	700.5	23035	701.5	23060	704
M	23095	707.5	23095	707.5	23095	707.5	23095	707.5
H	23173	715.3	23165	714.5	23155	713.5	23130	711

LTE Band 13

	Bandwidth 5 MHz		Bandwidth 10 MHz	
	Channel #	Freq.(MHz)	Channel #	Freq.(MHz)
L	23205	779.5	23230	782
M	23230	782		
H	23255	784.5		

LTE Band 14

	Bandwidth 5 MHz		Bandwidth 10 MHz	
	Channel #	Channel #	Channel #	Freq.(MHz)
L	23305	790.5	23330	793
M	23330	793		
H	23355	795.5		

LTE Band 17

	Bandwidth 5 MHz		Bandwidth 10 MHz	
	Channel #	Freq.(MHz)	Channel #	Freq. (MHz)
L	23755	706.5	23780	709
M	23790	710	23790	710
H	23825	713.5	23800	711

LTE Band 25

	Bandwidth 1.4 MHz		Bandwidth 3 MHz		Bandwidth 5 MHz		Bandwidth 10 MHz		Bandwidth 15 MHz		Bandwidth 20 MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	26047	1850.7	26055	1851.5	26065	1852.5	26090	1855	26115	1857.5	26140	1860
M	26340	1880	26340	1880	26340	1880	26340	1880	26340	1880	26340	1880
H	26683	1914.3	26675	1913.5	26665	1912.5	26640	1910	26615	1907.5	26590	1905

LTE Band 26										
	Bandwidth 1.4 MHz		Bandwidth 3 MHz		Bandwidth 5 MHz		Bandwidth 10 MHz		Bandwidth 15 MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	26697	814.7	26705	815.5	26715	816.5	26740	819	26765	821.5
M	26865	831.5	26865	831.5	26865	831.5	26865	831.5	26865	831.5
H	27033	848.3	27025	847.5	27015	846.5	26990	844	26965	841.5

LTE Band 30				
	Bandwidth 5 MHz		Bandwidth 10 MHz	
	Channel #	Freq.(MHz)	Channel #	Freq.(MHz)
L	27685	2307.5	27710	2310
M	27710	2310		
H	27735	2312.5		

LTE Band 38								
	Bandwidth 5 MHz		Bandwidth 10 MHz		Bandwidth 15 MHz		Bandwidth 20 MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	37775	2572.5	37800	2575	37825	2577.5	37850	2580
M	38000	2595	38000	2595	38000	2595	38000	2595
H	38225	2617.5	38200	2615	38175	2612.5	38150	2610

LTE Band 41								
	Bandwidth 5 MHz		Bandwidth 10 MHz		Bandwidth 15 MHz		Bandwidth 20 MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	39675	2498.5	39700	2501	39725	2503.5	39750	2506
LM	40148	2545.8	40160	2547	40173	2548.3	40185	2549.5
M	40620	2593	40620	2593	40620	2593	40620	2593
HM	41093	2640.3	41080	2639	41068	2637.8	41055	2636.5
H	41565	2687.5	41540	2685	41515	2682.5	41490	2680

LTE Band 66												
	Bandwidth 1.4 MHz		Bandwidth 3 MHz		Bandwidth 5 MHz		Bandwidth 10 MHz		Bandwidth 15 MHz		Bandwidth 20 MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	131979	1710.7	131987	1711.5	131997	1712.5	132022	1715	132047	1717.5	132072	1720
M	132322	1745	132322	1745	132322	1745	132322	1745	132322	1745	132322	1745
H	132665	1779.3	132657	1778.5	132647	1777.5	132622	1775	132597	1772.5	132572	1770

LTE Band 42								
	Bandwidth 5 MHz		Bandwidth 10 MHz		Bandwidth 15 MHz		Bandwidth 20 MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	42115	3452.5	42140	3455	42165	3457.5	42190	3460
M	42590	3500	42590	3500	42590	3500	42590	3500
H	43065	3547.5	43040	3545	43015	3542.5	42990	3540

LTE Band 42								
	Bandwidth 5 MHz		Bandwidth 10 MHz		Bandwidth 15 MHz		Bandwidth 20 MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	43115	3552.5	43140	3555	43165	3557.5	43190	3560
M	43340	3575	43340	3575	43340	3575	43340	3575
H	43565	3597.5	43540	3595	43515	3592.5	43490	3590

LTE Band 43								
	Bandwidth 5 MHz		Bandwidth 10 MHz		Bandwidth 15 MHz		Bandwidth 20 MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	43615	3602.5	43640	3605	43665	3607.5	43690	3610
M	44090	3650	44090	3650	44090	3650	44090	3650
H	44565	3697.5	44540	3695	44515	3692.5	44490	3690

LTE Band 48								
	Bandwidth 5 MHz		Bandwidth 10 MHz		Bandwidth 15 MHz		Bandwidth 20 MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	55265	3552.5	55290	3555	55315	3557.5	55340	3560
LM	55810	3607	55815	3607.5	55820	3608	55830	3609
MH	56170	3643	56165	3642.5	56160	3642	56150	3641
H	56715	3697.5	56690	3695	56665	3692.5	56640	3690

	LTE Band 71							
	Bandwidth 5 MHz		Bandwidth 10 MHz		Bandwidth 15 MHz		Bandwidth 20 MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	133147	665.5	133172	668	133197	670.5	133222	673
M	133247	675.5	133272	678	133297	680.5	133322	683
H	133447	695.5	133422	693	133397	690.5	133372	688

<For LTE Overlap Bands Description>

1) LTE Bands BW

Band	1.4 MHz	3 MHz	5 MHz	10 MHz	15 MHz	20 MHz
LTE Band 2	Yes	Yes	Yes	Yes	Yes	Yes
LTE Band 25	Yes	Yes	Yes	Yes	Yes	Yes
LTE Band 4	Yes	Yes	Yes	Yes	Yes	Yes
LTE Band 66	Yes	Yes	Yes	Yes	Yes	Yes
LTE Band 5	Yes	Yes	Yes	Yes		
LTE Band 26	Yes	Yes	Yes	Yes	Yes	
LTE Band 12	Yes	Yes	Yes	Yes		
LTE Band 17			Yes	Yes		
LTE Band 38			Yes	Yes	Yes	Yes
LTE Band 41			Yes	Yes	Yes	Yes
LTE Band 42			Yes	Yes	Yes	Yes
LTE Band 43			Yes	Yes	Yes	Yes
LTE Band 48			Yes	Yes	Yes	Yes

2) LTE Bands tune up:

Band	Antenna	Head DSI 2 Tune-up Limit	Body-worn open DSI 3 Tune-up Limit	Hotspot open DSI 7 Tune-up Limit	Extremity open DSI 6 Tune-up Limit	Body-worn close DSI 10 Tune-up Limit	Hotspot close DSI 11 Tune-up Limit	Sensor Off DSI4 Tune-up Limit	Default Tune-up Limit
LTE Band 2	Ant 0	23	23	23	23	23	23	23	23
LTE Band 25	Ant 0	23	23	23	23	23	23	23	23
LTE Band 4	Ant 0	24	23.6	22.4	24	24	24	24	24
LTE Band 66	Ant 0	24	23.6	22.4	24	24	24	24	24
LTE Band 5	Ant 0	24	24	24	24	24	24	24	24
LTE Band 26	Ant 0	24	24	24	24	24	24	24	24
LTE Band 12	Ant 0	24	24	24	24	24	24	24	24
LTE Band 17	Ant 0	24	24	24	24	24	24	24	24
LTE Band 38	Ant 0	24	23.1	20.9	24	24	24	24	24
LTE Band 41	Ant 0	24	23.1	20.9	24	24	24	24	24
LTE Band 41 HPUE	Ant 0	27.0	24.7	22.5	27.0	27.0	26.4	27.0	27.0

Band	Antenna	Head DSI 2 Tune-up Limit	Body-worn open DSI 3 Tune-up Limit	Hotspot open DSI 7 Tune-up Limit	Extremity open DSI 6 Tune-up Limit	Body-worn close DSI 10 Tune-up Limit	Hotspot close DSI 11 Tune-up Limit	Sensor Off DSI4 Tune-up Limit	Default Tune-up Limit
LTE Band 2	Ant 1	23.0	23.0	22.2	23.0	23.0	23.0	23.0	23.0
LTE Band 25	Ant 1	23.0	23.0	22.2	23.0	23.0	23.0	23.0	23.0
LTE Band 4	Ant 1	23.0	22.9	20.3	23.0	23.0	22.9	23.0	23.0
LTE Band 66	Ant 1	23.0	22.9	20.3	23.0	23.0	22.9	23.0	23.0
LTE Band 5	Ant 1	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
LTE Band 26	Ant 1	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
LTE Band 12	Ant 1	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
LTE Band 17	Ant 1	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
LTE Band 38	Ant 1	25.0	25.0	23.9	25.0	25.0	25.0	25.0	25.0
LTE Band 41	Ant 1	25.0	25.0	23.9	25.0	25.0	25.0	25.0	25.0
LTE Band 41 HPUE	Ant 1	27.0	27.0	25.5	27.0	27.0	27.0	27.0	27.0

Band	Antenna	Head DSI 2 Tune-up Limit	Body-worn open DSI 3 Tune-up Limit	Hotspot open DSI 7 Tune-up Limit	Extremity open DSI 6 Tune-up Limit	Body-worn close DSI 10 Tune-up Limit	Hotspot close DSI 11 Tune-up Limit	Sensor Off DSI4 Tune-up Limit	Default Tune-up Limit
LTE Band 2	Ant 2	19.1	21.8	19.5	23.9	22.6	19.1	24.0	24.0
LTE Band 25	Ant 2	19.1	21.8	19.5	23.9	22.6	19.1	24.0	24.0
LTE Band 4	Ant 2	19.2	21.9	19.2	24.0	23.2	19.4	24.0	24.0
LTE Band 66	Ant 2	19.2	21.9	19.2	24.0	23.2	19.4	24.0	24.0
LTE Band 38	Ant 2	21.1	23.5	19.9	24.4	24.1	20.6	25.0	25.0
LTE Band 41	Ant 2	21.1	23.5	19.9	24.4	24.1	20.6	25.0	25.0
LTE Band 41 HPUE	Ant 2	22.7	25.1	21.5	26.0	25.7	22.2	27.0	27.0

Band	Antenna	Head DSI 2 Tune-up Limit	Body-worn open DSI 3 Tune-up Limit	Hotspot open DSI 7 Tune-up Limit	Extremity open DSI 6 Tune-up Limit	Body-worn close DSI 10 Tune-up Limit	Hotspot close DSI 11 Tune-up Limit	Sensor Off DSI4 Tune-up Limit	Default Tune-up Limit
LTE Band 2	Ant 3	19.4	21.9	19.6	23.9	23.1	23.1	24.0	24.0
LTE Band 25	Ant 3	19.4	21.9	19.6	23.9	23.1	23.1	24.0	24.0
LTE Band 4	Ant 3	20.1	22.3	20.1	23.7	23.8	22.5	24.0	24.0
LTE Band 66	Ant 3	20.1	22.3	20.1	23.7	23.8	22.5	24.0	24.0
LTE Band 38	Ant 3	18.4	22.3	17.8	22.3	22.8	19.5	25.0	25.0
LTE Band 41	Ant 3	18.4	22.3	17.8	22.3	22.8	19.5	25.0	25.0
LTE Band 41 HPUE	Ant 3	20.0	23.9	19.4	23.9	24.4	21.1	27.0	27.0
LTE Band 43	Ant 3	21.0	24.0	21.6	24.0	24.0	22.9	24.0	24.0
LTE Band 42 Part96	Ant 3	21.0	24.0	21.6	24.0	24.0	22.9	24.0	24.0
LTE Band 48	Ant 3	21.0	24.0	21.6	24.0	24.0	22.9	24.0	24.0

Band	Antenna	Head DSI 2 Tune-up Limit	Body-worn open DSI 3 Tune-up Limit	Hotspot open DSI 7 Tune-up Limit	Extremity open DSI 6 Tune-up Limit	Body-worn close DSI 10 Tune-up Limit	Hotspot close DSI 11 Tune-up Limit	Sensor Off DSI4 Tune-up Limit	Default Tune-up Limit
LTE Band 43	Ant 4	20.7	22.4	19.4	23.5	24.1	20.5	25.0	25.0
LTE Band 42 Part96	Ant 4	20.7	22.4	19.4	23.5	24.1	20.5	25.0	25.0
LTE Band 48	Ant 4	20.7	22.4	19.4	23.5	24.1	20.5	25.0	25.0

Band	Antenna	Head DSI 2 Tune-up Limit	Body-worn open DSI 3 Tune-up Limit	Hotspot open DSI 7 Tune-up Limit	Extremity open DSI 6 Tune-up Limit	Body-worn close DSI 10 Tune-up Limit	Hotspot close DSI 11 Tune-up Limit	Sensor Off DSI4 Tune-up Limit	Default Tune-up Limit
LTE Band 43	Ant 5	20.9	23.4	19.3	24.0	24.0	22.3	24.0	24.0
LTE Band 42 Part96	Ant 5	20.9	23.4	19.3	24.0	24.0	22.3	24.0	24.0
LTE Band 48	Ant 5	20.9	23.4	19.3	24.0	24.0	22.3	24.0	24.0

Band	Antenna	Head DSI 2 Tune-up Limit	Body-worn open DSI 3 Tune-up Limit	Hotspot open DSI 7 Tune-up Limit	Extremity open DSI 6 Tune-up Limit	Body-worn close DSI 10 Tune-up Limit	Hotspot close DSI 11 Tune-up Limit	Sensor Off DSI4 Tune-up Limit	Default Tune-up Limit
LTE Band 43	Ant 8	18.5	21.3	19.4	22.4	22.0	20.1	24.0	24.0
LTE Band 42 Part96	Ant 8	18.5	21.3	19.4	22.4	22.0	20.1	24.0	24.0
LTE Band 48	Ant 8	18.5	21.3	19.4	22.4	22.0	20.1	24.0	24.0

4.3 General 5G NR SAR Test and Reporting Considerations

5G NR Information	
Operating Frequency Range of each 5G NR transmission band	5G NR n2 : 1850 MHz ~ 1910 MHz 5G NR n5 : 824 MHz ~ 849 MHz 5G NR n7 : 2500 MHz ~ 2570 MHz 5G NR n12 : 699 MHz ~ 716 MHz 5G NR n14 : 788 MHz ~ 798 MHz 5G NR n25 : 1850 MHz ~ 1915 MHz 5G NR n26 : 814 MHz ~ 849 MHz 5G NR n30 : 2305 MHz ~ 2315 MHz 5G NR n38 : 2570 MHz ~ 2620 MHz 5G NR n41 : 2496 MHz ~ 2690 MHz 5G NR n48 : 3550 MHz ~ 3700 MHz 5G NR n66 : 1710 MHz ~ 1780 MHz 5G NR n70 : 1695 MHz ~ 1710 MHz 5G NR n71 : 663 MHz ~ 698 MHz 5G NR n77: 3700 MHz ~ 3980 MHz, 3450MHz ~ 3550MHz 5G NR n78: 3700 MHz ~ 3800 MHz, 3450MHz ~ 3550MHz
Channel Bandwidth	The detail please refers to section 4.1 5GNR FR1 bands table.
SCS	FDD: SCS15KHz, TDD: SCS30KHz
uplink modulations used	DFT-s-OFDM: PI/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM CP-OFDM: QPSK / 16QAM / 64QAM / 256QAM
A-MPR (Additional MPR) disabled for SAR Testing?	Yes
LTE Anchor Bands for n2	LTE B4/5/7/12/13/14/30/66/48/71
LTE Anchor Bands for n5	LTE B2/4/30/66/48/7
LTE Anchor Bands for n7	LTE B2/4/5/12/66
LTE Anchor Bands for n12	LTE B2/66
LTE Anchor Bands for n25	LTE B7/12/26/66
LTE Anchor Bands for n26	LTE B7
LTE Anchor Bands for n66	LTE B2/5/7/12/13/14/30/48/71
LTE Anchor Bands for n71	LTE B2/7/48/66
LTE Anchor Bands for n38	LTE B2/4/5/12/66/71
LTE Anchor Bands for n41	LTE B2/4/5/12/25/26/66/71
LTE Anchor Bands for n48	LTE B71
LTE Anchor Bands for n77	LTE B2/5/7/12/13/14/25/30/41/66/71
LTE Anchor Bands for n78	LTE B2/4/5/7/12/13/25/26/38/66/41/71

Transmission (H, M, L) channel numbers and frequencies in each 5G NR band

NR Band 2

	Bandwidth 5MHz		Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz		Bandwidth 25MHz		Bandwidth 30MHz		Bandwidth 35MHz		Bandwidth 40MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	370500	1852.5	371000	1855	371500	1857.5	372000	1860	372500	1862.5	373000	1865	373500	1867.5	374000	1870
M	376000	1880	376000	1880	376000	1880	376000	1880	376000	1880	376000	1880	376000	1880	376000	1880
H	381500	1907.5	381000	1905	380500	1902.5	380000	1900	379500	1897.5	379000	1895	378500	1892.5	378000	1890

NR Band 5

	Bandwidth 5MHz		Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	165300	826.5	165800	829	166300	831.5	166800	834
M	167300	836.5	167300	836.5	167300	836.5	167300	836.5
H	169300	846.5	168800	844	168300	841.5	167800	839

NR Band 7

	Bandwidth 5MHz		Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz		Bandwidth 25MHz		Bandwidth 30MHz		Bandwidth 35MHz		Bandwidth 40MHz		Bandwidth 50MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	500500	2502.5	501000	2505	501500	2507.5	502000	2510	502500	2512.5	503000	2515	503500	2517.5	504000	2520	505000	2525
M	507000	2535	507000	2535	507000	2535	507000	2535	507000	2535	507000	2535	507000	2535	507000	2535	507000	2535
H	513500	2567.5	513000	2565	512500	2562.5	512000	2560	511500	2557.5	511000	2555	510500	2552.5	510000	2550	509000	2545

NR Band 12

	Bandwidth 5MHz		Bandwidth 10MHz		Bandwidth 15MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	140300	701.5	140800	704	141300	706.5
M	141500	707.5	141500	707.5	141500	707.5
H	142700	713.5	142200	711	141700	708.5

NR Band 14				
	Bandwidth 5MHz		Bandwidth 10MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	158100	790.5	158600	793
M	158600	793		
H	159100	795.5		

NR Band 25																		
	Bandwidth 5MHz		Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz		Bandwidth 25MHz		Bandwidth 30MHz		Bandwidth 35MHz		Bandwidth 40MHz		Bandwidth 45MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	370500	1852.5	371000	1855	371500	1857.5	372000	1860	372500	1862.5	373000	1865	373500	1867.5	374000	1870	374500	1872.5
M	376500	1882.5	376500	1882.5	376500	1882.5	376500	1882.5	376500	1882.5	376500	1882.5	376500	1882.5	376500	1882.5	376500	1882.5
H	382500	1912.5	382000	1910	381500	1907.5	381000	1905	380500	1902.5	380000	1900	379500	1897.5	379000	1895	378500	1892.5

NR Band 26								
	Bandwidth 5MHz		Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	163300	816.5	163800	819	164300	821.5	164800	824
M	166300	831.5	166300	831.5	166300	831.5	166300	831.5
H	169300	846.5	168800	844	168300	841.5	167800	839

NR Band 30				
	Bandwidth 5MHz		Bandwidth 10MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	461500	2307.5	462000	2310
M	462000	2310		
H	462500	2312.5		

NR Band 66																		
	Bandwidth 5MHz		Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz		Bandwidth 25MHz		Bandwidth 30MHz		Bandwidth 35MHz		Bandwidth 40MHz		Bandwidth 45MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	342500	1712.5	343000	1715	343500	1717.5	344000	1720	344500	1722.5	345000	1725	345500	1727.5	346000	1730	346500	1732.5
M	349000	1745	349000	1745	349000	1745	349000	1745	349000	1745	349000	1745	349000	1745	349000	1745	349000	1745
H	355500	1777.5	355000	1775	354500	1772.5	354000	1770	353500	1767.5	353000	1765	352500	1762.5	352000	1760	351500	1757.5

NR Band 71														
	Bandwidth 5MHz		Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz		Bandwidth 25MHz		Bandwidth 30MHz		Bandwidth 35MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	133100	665.5	133600	668	134100	670.5	134600	673	135100	675.5	135600	678		
M	136100	680.5	136100	680.5	136100	680.5	136100	680.5	136100	680.5	136100	680.5	136100	680.5
H	139100	695.5	138600	693	138100	690.5	137600	688	137100	685.5	136600	683		

NR Band 70						
	Bandwidth 5MHz		Bandwidth 10MHz		Bandwidth 15MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	339500	1697.5	340000	1700	340500	1702.5
M	340500	1702.5	340500	1702.5		
H	341500	1707.5	341000	1705		

NR Band 38												
	Bandwidth10MHz		Bandwidth 15MHz		Bandwidth 20MHz		Bandwidth 25MHz		Bandwidth 30MHz		Bandwidth 40MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	515004	2575.02	515502	2577.51	516000	2580	516504	2582.52	517002	2585.01	518004	2590.02
M	519000	2595	519000	2595	519000	2595	519000	2595	519000	2595	519000	2595
H	522996	2614.98	522498	2612.49	522000	2610	521496	2607.48	520998	2604.99	519996	2599.98

NR Band 41																										
	Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz		Bandwidth 25MHz		Bandwidth 30MHz		Bandwidth 35MHz		Bandwidth 40MHz		Bandwidth 45MHz		Bandwidth 50MHz		Bandwidth 60MHz		Bandwidth 70MHz		Bandwidth 80MHz		Bandwidth 90MHz		Bandwidth 100MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	500202	2501.01	500700	2503.5	501204	2506.02	501702	2508.51	502200	2511	502704	2513.52	503202	2516.01	503700	2518.5	504204	2521.02	505200	2526	500202	2501.01	507204	2536.02	508200	2541	509202	2546.01
M	518598	2592.99	518598	2592.99	518598	2592.99	518598	2592.99	518598	2592.99	518598	2592.99	518598	2592.99	518598	2592.99	518598	2592.99	518598	2592.99	518598	2592.99	518598	2592.99	518598	2592.99	518598	2592.99
H	537000	2685	536496	2682.48	535998	2679.99	535500	2677.5	534996	2674.98	534498	2672.49	534000	2670	533496	2667.48	532998	2664.99	531996	2659.98	531000	2655	529998	2649.99	528996	2644.98	528000	2640

NR Band 77 SCS30KHz																						
	Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz		Bandwidth 25MHz		Bandwidth 30MHz		Bandwidth 40MHz		Bandwidth 50MHz		Bandwidth 60MHz		Bandwidth 70MHz		Bandwidth 80MHz		Bandwidth 90MHz		Bandwidth 100MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	647000	3705	647168	3707.52	647334	3710.01	647500	3712.5	647668	3715.02	648000	3720	648334	3725.01	648668	3730.02	649000	3735	649334	3740.01	649668	3745.02	650000	3750
M	656000	3840	656000	3840	656000	3840	656000	3840.00	656000	3840.00	656000	3840	656000	3840	656000	3840	656000	3840	656000	3840	656000	3840	656000	3840
H	665000	3975	664832	3972.48	664666	3969.99	664500	3967.50	664332	3964.98	664000	3960	663666	3954.99	663332	3949.98	663000	3945	662666	3939.99	662332	3934.98	662000	3930

NR Band 78 SCS30KHz																						
	Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz		Bandwidth 25MHz		Bandwidth 30MHz		Bandwidth 40MHz		Bandwidth 50MHz		Bandwidth 60MHz		Bandwidth 70MHz		Bandwidth 80MHz		Bandwidth 90MHz		Bandwidth 100MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	647000	3705	647168	3707.52	647334	3710.01	647500	3712.5	647668	3715.02	648000	3720	648334	3725.01	648668	3730.02	649000	3735	649334	3740.01	649668	3745.02		
M	650000	3750	650000	3750	650000	3750	650000	3750.00	650000	3750.00	650000	3750	650000	3750	650000	3750	650000	3750	650000	3750	650000	3750	650000	3750
H	653000	3795	652834	3792.51	652668	3790.02	652500	3787.5	652334	3785.01	652000	3780	651668	3775.02	651334	3770.01	651000	3765	650668	3760.02	650334	3755.01		

NR Band 48										
	Bandwidth 10MHz		Bandwidth15MHz		Bandwidth 20MHz		Bandwidth 30MHz		Bandwidth 40MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	637000	3555	637168	3557.52	637334	3560.01	637668	3565.02	638000	3570
M	641666	3624.99	641666	3624.99	641666	3624.99	641666	3624.99	641666	3624.99
H	646332	3694.98	646166	3692.49	646000	3690	645666	3684.99	645332	3679.98

NR Band 77 SCS30KHz																						
	Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz		Bandwidth 25MHz		Bandwidth 30MHz		Bandwidth 40MHz		Bandwidth 50MHz		Bandwidth 60MHz		Bandwidth 70MHz		Bandwidth 80MHz		Bandwidth 90MHz		Bandwidth 100MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	630334	3455.01	630500	3457.5	630668	3460.02	630834	3462.51	631000	3465	631334	3470.01	631668	3475.02	632000	3480	632334	3485.01	632668	3490.02	633000	3495		
M	633334	3500.01	633334	3500.01	633334	3500.01	633334	3500.01	633334	3500.01	633334	3500.01	633334	3500.01	633334	3500.01	633334	3500.01	633334	3500.01	633334	3500.01	633334	3500.01
H	636334	3545.01	636168	3542.52	636000	3540	635834	3537.51	635668	3535.02	635334	3530.01	635000	3525	634668	3520.02	634334	3515.01	634000	3510	633668	3505.02		

NR Band 78 SCS30KHz																						
	Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz		Bandwidth 25MHz		Bandwidth 30MHz		Bandwidth 40MHz		Bandwidth 50MHz		Bandwidth 60MHz		Bandwidth 70MHz		Bandwidth 80MHz		Bandwidth 90MHz		Bandwidth 100MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	630334	3455.01	630500	3457.5	630668	3460.02	630834	3462.51	631000	3465	631334	3470.01	631668	3475.02	632000	3480	632334	3485.01	632668	3490.02	633000	3495		
M	633334	3500.01	633334	3500.01	633334	3500.01	633334	3500.01	633334	3500.01	633334	3500.01	633334	3500.01	633334	3500.01	633334	3500.01	633334	3500.01	633334	3500.01	633334	3500.01
H	636334	3545.01	636168	3542.52	636000	3540	635834	3537.51	635668	3535.02	635334	3530.01	635000	3525	634668	3520.02	634334	3515.01	634000	3510	633668	3505.02		

<For NR Overlap Bands Description>

1) NR Bands BW

Band	Duplex	SCS(KHz)	Bandwidths(BW)
n2	FDD	15	5, 10, 15, 20, 25, 30, 35, 40
n5	FDD	15	5, 10, 15, 20
n25	FDD	15	5, 10, 15, 20, 25, 30, 35, 40
n26	FDD	15	5, 10, 15, 20
n38	TDD	30	10, 15, 20, 25, 30, 40
n41	TDD	30	10, 15, 20, 25, 30, 35, 40, 45, 50, 60, 70, 80, 90, 100
n77	TDD	30	10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100
n78	TDD	30	10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100

2) NR Bands Tune up:

Band	Antenna	Head DSI 2 Tune-up Limit	Body-worn open DSI 3 Tune-up Limit	Hotspot open DSI 7 Tune-up Limit	Extremity open DSI 6 Tune-up Limit	Body-worn close DSI 10 Tune-up Limit	Hotspot close DSI 11 Tune-up Limit	Sensor Off DSI4 Tune-up Limit	Default Tune-up Limit
5G NR n2	Ant 0	24.0	24.0	22.1	24.0			24.0	24.0
5G NR n25	Ant 0	24.0	24.0	22.1	24.0			24.0	24.0
5G NR n5	Ant 0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
5G NR n26	Ant 0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
FR1 n5 Other PA	Ant 0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
FR1 n26 Other PA	Ant 0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
5G NR n38	Ant 0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
5G NR n41 HPUE	Ant 0	27.0	24.9	22.3	27.0	27.0	26.8	27.0	27.0

Band	Antenna	Head DSI 2 Tune-up Limit	Body-worn open DSI 3 Tune-up Limit	Hotspot open DSI 7 Tune-up Limit	Extremity open DSI 6 Tune-up Limit	Body-worn close DSI 10 Tune-up Limit	Hotspot close DSI 11 Tune-up Limit	Sensor Off DSI4 Tune-up Limit	Default Tune-up Limit
5G NR n2	Ant 1	24.0	24.0	22.1	24.0			24.0	24.0
5G NR n25	Ant 1	24.0	24.0	22.1	24.0			24.0	24.0
5G NR n5	Ant 1	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
5G NR n26	Ant 1	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
FR1 n5 Other PA	Ant 1	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
FR1 n26 Other PA	Ant 1	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
5G NR n38	Ant 1	24.0	24.0	22.1	24.0	24.0	24.0	24.0	24.0
5G NR n41 HPUE	Ant 1	27.0	27.0	25.1	27.0	27.0	27.0	27.0	27.0

Band	Antenna	Head DSI 2 Tune-up Limit	Body-worn open DSI 3 Tune-up Limit	Hotspot open DSI 7 Tune-up Limit	Extremity open DSI 6 Tune-up Limit	Body-worn close DSI 10 Tune-up Limit	Hotspot close DSI 11 Tune-up Limit	Sensor Off DSI4 Tune-up Limit	Default Tune-up Limit
5G NR n2	Ant 2	19.6	22.3	18.9	24.0	22.9	19.3	24.0	24.0
5G NR n25	Ant 2	19.6	22.3	18.9	24.0	22.9	19.3	24.0	24.0
5G NR n38	Ant 2	19.9	22.5	19.3	23.8	23.7	20.3	24.0	24.0
5G NR n41	Ant 2	19.9	22.5	19.3	23.8	23.7	20.3	24.0	24.0
5G NR n41 HPUE	Ant 2	22.9	25.5	22.3	26.8	26.7	23.3	27.0	27.0

Band	Antenna	Head DSI 2 Tune-up Limit	Body-worn open DSI 3 Tune-up Limit	Hotspot open DSI 7 Tune-up Limit	Extremity open DSI 6 Tune-up Limit	Body-worn close DSI 10 Tune-up Limit	Hotspot close DSI 11 Tune-up Limit	Sensor Off DSI4 Tune-up Limit	Default Tune-up Limit
5G NR n2	Ant 3	20.4	21.4	19.6	24.0	22.9	21.3	24.0	24.0
5G NR n25	Ant 3	20.4	21.4	19.6	24.0	22.9	21.3	24.0	24.0
5G NR n38	Ant 3	19.3	21.9	19.0	21.7	23.4	20.6	24.5	24.5
5G NR n41 HPUE	Ant 3	22.3	24.9	22.0	24.7	26.4	23.6	27.5	27.5
5G NR n77	Ant 3	18.8	22.8	18.6	22.0	23.5	20.2	24.0	24.0
5G NR n78	Ant 3	18.8	22.8	18.6	22.0	23.5	20.2	24.0	24.0
5G NR n77 HPUE	Ant 3	21.8	25.8	21.6	25.0	26.5	23.2	27.0	27.0
5G NR n78 HPUE	Ant 3	21.8	25.8	21.6	25.0	26.5	23.2	27.0	27.0

Band	Antenna	Head DSI 2 Tune-up Limit	Body-worn open DSI 3 Tune-up Limit	Hotspot open DSI 7 Tune-up Limit	Extremity open DSI 6 Tune-up Limit	Body-worn close DSI 10 Tune-up Limit	Hotspot close DSI 11 Tune-up Limit	Sensor Off DSI4 Tune-up Limit	Default Tune-up Limit
5G NR n77	Ant 4	17.1	20.2	17.3	20.0	23.1	19.0	24.0	24.0
5G NR n78	Ant 4	17.1	20.2	17.3	20.0	23.1	19.0	24.0	24.0
5G NR n77 HPUE	Ant 4	20.1	23.2	20.3	23.0	26.1	22.0	27.0	27.0
5G NR n78 HPUE	Ant 4	20.1	23.2	20.3	23.0	26.1	22.0	27.0	27.0

Band	Antenna	Head DSI 2 Tune-up Limit	Body-worn open DSI 3 Tune-up Limit	Hotspot open DSI 7 Tune-up Limit	Extremity open DSI 6 Tune-up Limit	Body-worn close DSI 10 Tune-up Limit	Hotspot close DSI 11 Tune-up Limit	Sensor Off DSI4 Tune-up Limit	Default Tune-up Limit
5G NR n77	Ant 5	16.3	22.8	16.6	20.4	23.6	19.6	20.4	24.0
5G NR n78	Ant 5	16.3	22.8	16.6	20.4	23.6	19.6	20.4	24.0
5G NR n77 HPUE	Ant 5	19.3	25.8	19.6	23.4	26.6	22.6	23.4	27.0
5G NR n78 HPUE	Ant 5	19.3	25.8	19.6	23.4	26.6	22.6	23.4	27.0

Band	Antenna	Head DSI 2 Tune-up Limit	Body-worn open DSI 3 Tune-up Limit	Hotspot open DSI 7 Tune-up Limit	Extremity open DSI 6 Tune-up Limit	Body-worn close DSI 10 Tune-up Limit	Hotspot close DSI 11 Tune-up Limit	Sensor Off DSI4 Tune-up Limit	Default Tune-up Limit
5G NR n77	Ant 8	19.3	20.7	19.1	22.1	22.4	20.8	24.0	24.0
5G NR n78	Ant 8	19.3	20.7	19.1	22.1	22.4	20.8	24.0	24.0
5G NR n77 HPUE	Ant 8	22.3	23.7	22.1	25.1	25.4	23.8	27.0	27.0
5G NR n78 HPUE	Ant 8	22.3	23.7	22.1	25.1	25.4	23.8	27.0	27.0

Band	Antenna	Head DSI 2 Tune-up Limit	Body-worn open DSI 3 Tune-up Limit	Hotspot open DSI 7 Tune-up Limit	Extremity open DSI 6 Tune-up Limit	Body-worn close DSI 10 Tune-up Limit	Hotspot close DSI 11 Tune-up Limit	Sensor Off DSI4 Tune-up Limit	Default Tune-up Limit
5G NR n77	Ant 5	16.3	22.8	16.6	20.4	23.6	19.6	20.4	24.0
5G NR n78	Ant 5	16.3	22.8	16.6	20.4	23.6	19.6	20.4	24.0
5G NR n77 HPUE	Ant 5	19.3	25.8	19.6	23.4	26.6	22.6	23.4	27.0
5G NR n78 HPUE	Ant 5	19.3	25.8	19.6	23.4	26.6	22.6	23.4	27.0

Band	Antenna	Head DSI 2 Tune-up Limit	Body-worn open DSI 3 Tune-up Limit	Hotspot open DSI 7 Tune-up Limit	Extremity open DSI 6 Tune-up Limit	Body-worn close DSI 10 Tune-up Limit	Hotspot close DSI 11 Tune-up Limit	Sensor Off DSI4 Tune-up Limit	Default Tune-up Limit
N2 HPUE	Ant 2+3	19.1	22.9	19.4	24.9	23.3	20.7	27	27
N25 HPUE	Ant 2+3	19.1	22.9	19.4	24.9	23.3	20.7	27	27
N2 HPUE	Ant 0+1	27	24.1	22.2	24.3			27	27
N25 HPUE	Ant 0+1	27	24.1	22.2	24.3			27	27
5G NR n77 HPUE	Ant4+8	20.5	23.3	20.6	23.8	24	22	27	27
5G NR n78 HPUE	Ant4+8	20.5	23.3	20.6	23.8	24	22	27	27
5G NR n77 PC1.5	Ant4+8	23.5	26.3	23.6	26.8	27	25	30	30
5G NR n78 PC1.5	Ant4+8	23.5	26.3	23.6	26.8	27	25	30	30
5G NR n77 HPUE	Ant4+5	20	23.6	19.7	23.7	24	21	27	27
5G NR n78 HPUE	Ant4+5	20	23.6	19.7	23.7	24	21	27	27
5G NR n77 PC1.5	Ant4+5	23	26.6	22.7	26.7	27	24	30	30
5G NR n78 PC1.5	Ant4+5	23	26.6	22.7	26.7	27	24	30	30

5G NR n77 HPUE	Ant3+8	22.6	23.7	20.6	25.9	24.4	22.8	27	27
5G NR n78 HPUE	Ant3+8	22.6	23.7	20.6	25.9	24.4	22.8	27	27
5G NR n77 PC1.5	Ant3+8	25.6	26.7	23.6	28.9	27.4	25.8	30	30
5G NR n78 PC1.5	Ant3+8	25.6	26.7	23.6	28.9	27.4	25.8	30	30

5. Smart Transmit feature for RF Exposure compliance

For Open Mode

Qualcomm® Smart Transmit™ 5.0 of Smart Transmit (GEN2) Feature operates based on pre-defined sub6 antenna groups (AG). This Device is enabled with the Qualcomm® Smart Transmit Gen2 feature. The RF exposure limit is defined based on time-averaged RF exposure. The product implements Qualcomm Smart Transmit feature which controls the instantaneous transmitting power for WWAN and WLAN/BT transmitter to ensure the product in compliance with RF exposure limit over a defined time window. To control and manage transmitting power in real time and to ensure at all times the time-averaged RF exposure is compliant to the regulation requirement.

This report describes the procedures for the SAR char generation, and the parameters obtained from SAR characterization (referred to as SAR char, respectively) will be used as input for Smart Transmit. SAR char will be entered via the Embedded File System (EFS) version 23 to enable the Smart Transmit Gen2 Feature.

For Close Mode

The RF exposure limit is defined based on time-averaged RF exposure. The product implements Qualcomm Smart Transmit feature which controls the instantaneous transmitting power for WWAN and WLAN/BT transmitter to ensure the product in compliance with RF exposure limit over a defined time window. To control and manage transmitting power in real time and to ensure at all times the time-averaged RF exposure is compliant to the regulation requirement.

This report describes the procedures for the SAR char generation, and the parameters obtained from SAR characterization (referred to as SAR char, respectively) will be used as input for Smart Transmit. SAR char will be entered via the Embedded File System (EFS) version 23 to enable the Smart Transmit Gen1 Feature.

<Terminologies in this report>

P_{limit}	The time-averaged RF power which corresponds to SAR_design_target.
P_{max}	Maximum target power level
SAR_design_target:	The design target for SAR compliance. It should be less than regulatory SAR limit to account for all device design related uncertainty.
SAR char	P_{limit} for all the technologies/bands for all applicable DSI

<SAR Characterization>

SAR char must be generated to cover all radio configurations and usage scenarios that the wireless device supports for operating at WWAN and WLAN/BT bands. It will then be used as input for Smart Transmit to control and manage RF exposure for WWAN and WLAN/BT bands.

Antenna Group:

Antenna Group 0 (AG0)	ANT2 & ANT3 & ANT4 & ANT5 & ANT6 & ANT7& ANT8
Antenna Group 1 (AG1)	ANT0 & ANT1

<SAR design target and uncertainty>

Item	Uncertainty dB (k=2)
Total uncertainty	1.5

To account for total uncertainty, SAR_design_target should be determined as:

$$SAR\_design\_target < SAR_{regulatory\_limit} \times 10^{\frac{-total\ uncertainty}{10}}$$

The Smart Transmit algorithm maintains the time-averaged transmit power, in turn, time-averaged RF exposure of SAR_design_target, below the predefined time-averaged power limit, for each characterized technology and band.

Smart Transmit allows the device to transmit at higher power instantaneously, as high as Pmax, when needed, but enforces power limiting to maintain time-averaged transmit power to Plimit. Below table shows Plimit EFS settings and maximum tune up output power Pmax configured for this EUT for various transmit conditions (Device State Index DSI).

<P_{limit} for supported technologies and bands (P_{limit} in EFS file)>

Band	Antenna	Head DSI 2	Body-Worn open DSI 3	Hotspot open DSI 7	Extremity open DSI 6	Body-Worn close DSI 10	Hotspot close DSI 11	Sensor off open/close DSI 4	Pmax*
GSM850	Ant 0	33.1	26.5	26.5	23.7	28.5	28.5	23.7	23.7
GSM850	Ant 1	29.5	26.5	26.5	23.7	27.1	27.1	23.7	23.7
GSM1900	Ant 2	18.2	22.0	17.9	23.2	21.6	17.8	21.5	21.5
GSM1900	Ant 0	34.8	28.4	25.2	21.2	26.4	24.3	21.2	21.2
WCDMA II	Ant 2	18.1	20.0	17.4	22.2	21.1	17.5	23.0	23.0
WCDMA II	Ant 0	32.6	23.0	21.9	23.6	25.7	24.4	23.0	23.0
WCDMA IV	Ant 2	17.9	19.2	17.1	21.8	23.2	19.3	23.0	23.0
WCDMA IV	Ant 0	32.3	23.2	21.6	25.1	23.5	23.5	23.0	23.0
WCDMA V	Ant 0	31.2	25.0	24.3	23.0	25.1	24.6	23.0	23.0
WCDMA V	Ant 1	29.3	24.8	24.8	23.0	25.9	24.1	23.0	23.0
LTE Band 25(2)	Ant 2	18.1	20.8	18.5	22.9	21.6	18.1	23.0	23.0
LTE Band 25(2)	Ant 3	18.4	20.9	18.6	22.9	22.1	22.1	23.0	23.0
LTE Band 25(2)	Ant 0	31.8	22.4	22.2	24.2	24.2	23.6	22.0	22.0
LTE Band 25(2)	Ant 1	32.9	22.8	21.2	22.7	25.0	25.0	22.0	22.0
LTE Band 66(4)	Ant 2	18.2	20.9	18.2	23.1	22.2	18.4	23.0	23.0
LTE Band 66(4)	Ant 3	19.1	21.3	19.1	22.7	22.8	21.5	23.0	23.0
LTE Band 66(4)	Ant 0	33.6	22.6	21.4	24.0	23.5	23.2	23.0	23.0
LTE Band 66(4)	Ant 1	34.7	21.9	19.3	22.2	25.2	21.9	22.0	22.0
LTE Band 26(5)	Ant 0	30.6	24.3	24.3	23.0	25.0	24.2	23.0	23.0
LTE Band 26(5)	Ant 1	28.9	24.5	24.5	23.0	26.5	24.7	23.0	23.0
LTE Band 7	Ant 2	18.3	20.8	17.4	22.2	21.7	18.8	23.0	23.0
LTE Band 7	Ant 3	19.9	22.6	18.2	21.3	23.5	20.0	23.0	23.0
LTE Band 7	Ant 0	28	22.4	18.9	22.8	24.9	21.2	22.0	22.0
LTE Band 7	Ant 1	28.3	26.2	23.2	25.1	25.5	25.1	23.0	23.0
LTE Band 12(17)	Ant 0	30.5	25.1	24.5	23.0	26.6	26.6	23.0	23.0
LTE Band 12(17)	Ant 1	29.4	24.9	24.9	23.0	26.7	26.7	23.0	23.0
LTE Band 13	Ant 0	30.1	25.4	24.4	22.0	25.4	25.4	22.0	22.0
LTE Band 13	Ant 1	30.2	25.0	24.9	22.0	27.1	27.1	22.0	22.0
LTE Band 14	Ant 0	29.1	24.9	24.5	23.0	25.3	24.6	23.0	23.0
LTE Band 14	Ant 1	29.5	25.1	25.1	22.0	27.7	25.9	22.0	22.0
LTE Band 30	Ant 2	18.4	20.2	18.4	22.3	21.2	18.4	23.0	23.0
LTE Band 30	Ant 3	18.8	21.3	21.3	22.5	21.8	18.4	21.0	21.0
LTE Band 30	Ant 0	29.4	23.3	22.1	24.2	26.6	22.7	23.0	23.0
LTE Band 30	Ant 1	28.3	25.0	24.3	21.0	27.5	27.5	21.0	21.0
LTE Band 71	Ant 0	30.6	25.5	24.5	23.0	30.0	30.0	23.0	23.0
LTE Band 71	Ant 1	29.2	24.9	23.5	23.0	27.5	27.5	23.0	23.0
LTE Band 41(38)	Ant 2	18.1	20.5	16.9	21.4	21.1	17.6	22.4	22.0
LTE Band 41 HPUE	Ant 2	18.1	20.5	16.9	21.4	21.1	17.6	22.4	22.4
LTE Band 41(38)	Ant 3	15.4	19.3	14.8	19.3	19.8	16.5	22.4	22.0
LTE Band 41 HPUE	Ant 3	15.4	19.3	14.8	19.3	19.8	16.5	22.4	22.4
LTE Band 41(38)	Ant 0	28.8	20.1	17.9	24.2	27.2	21.8	22.4	21.0
LTE Band 41 HPUE	Ant 0	28.8	20.1	17.9	24.2	27.2	21.8	22.4	22.4
LTE Band 41(38)	Ant 1	29.5	23.5	20.9	23.8	24.6	22.4	22.4	22.0
LTE Band 41 HPUE	Ant 1	29.5	23.5	20.9	23.8	24.6	22.4	22.4	22.4
LTE Band 42 Part 27Q	Ant 4	18.9	20.9	16.4	20.5	21.3	18.7	21.0	21.0
LTE Band 42 Part 27Q	Ant 8	18.2	19.3	17.4	19.7	21.2	20.5	21.0	21.0

LTE Band 42 Part 27Q	Ant 3	16.9	20.2	16.9	19.8	19.8	17.9	20.0	20.0
LTE Band 42 Part 27Q	Ant 5	17.7	20.4	16.5	20.3	21.1	18.1	20.0	20.0
LTE Band 48(43&42 Part96)	Ant 4	17.7	19.4	16.4	20.5	21.1	17.5	22.0	22.0
LTE Band 48(43&42 Part96)	Ant 8	15.5	18.3	16.4	19.4	19.0	17.1	21.0	21.0
LTE Band 48(43&42 Part96)	Ant 3	18	21.4	18.6	22.8	22.8	19.9	21.0	21.0
LTE Band 48(43&42 Part96)	Ant 5	17.9	20.4	16.3	22.0	21.7	19.3	21.0	21.0
FR1 n25(2)	Ant 2	18.6	21.3	17.9	23.5	21.9	18.3	23.0	23.0
FR1 n2 Other Path	Ant 2	18.6	21.3	17.9	23.5	21.9	18.3	23.0	23.0
FR1 n25(2)	Ant 3	19.4	20.4	18.6	23.0	21.9	20.3	23.0	23.0
FR1 n2 Other Path	Ant 3	19.4	20.4	18.6	23.0	21.9	20.3	23.0	23.0
FR1 n25(2)	Ant 0	32.7	23.7	21.1	24.0			23.0	23.0
FR1 n2 Other Path	Ant 0	32.7	23.7	21.1	24.0			23.0	23.0
FR1 n25(2)	Ant 1	34.1	23.2	21.1	24.2			23.0	23.0
FR1 n2 Other Path	Ant 1	34.1	23.2	21.1	24.2			23.0	23.0
FR1 n26(5)	Ant 0	32.2	26.3	26.3	23.0	26.8	27.4	23.0	23.0
FR1 n26(5) Other Path	Ant 0	32.2	26.3	26.3	23.0	26.8	27.4	23.0	23.0
FR1 n26(5)	Ant 1	31.2	26.0	26.0	23.0	26.0	26.4	23.0	23.0
FR1 n26(5) Other Path	Ant 1	31.2	26.0	26.0	23.0	26.0	26.4	23.0	23.0
FR1 n7	Ant 2	18.8	21.5	18.3	23.2	21.7	19.5	23.0	23.0
FR1 n7 Other Path	Ant 2	18.8	21.5	18.3	23.2	21.7	19.5	23.0	23.0
FR1 n7	Ant 3	17.9	20.8	17.9	19.9	23.5	19.9	23.0	23.0
FR1 n7	Ant 0	30.2	23.2	21.2	23.5			23.0	23.0
FR1 n7 Other Path	Ant 0	30.2	23.2	21.2	23.5			23.0	23.0
FR1 n7	Ant 1	29.7	24.0	20.6	24.4			23.0	23.0
FR1 n12	Ant 0	33.3	27.6	26.0	23.5	27.9	27.9	23.5	23.5
FR1 n12 Other Path	Ant 0	33.3	27.6	26.0	23.5	27.9	27.9	23.5	23.5
FR1 n12	Ant 1	32	28.2	28.2	23.0	27.4	27.4	23.0	23.0
FR1 n12 Other Path	Ant 1	32	28.2	28.2	23.0	27.4	27.4	23.0	23.0
FR1 n14	Ant 0	31.4	26.4	26.4	23.5	27.6	27.5	23.5	23.5
FR1 n14 Other Path	Ant 0	31.4	26.4	26.4	23.0	27.6	27.5	23.0	23.0
FR1 n14	Ant 1	32.1	26.0	26.0	23.0	27.3	27.3	23.0	23.0
FR1 n14 Other Path	Ant 1	32.1	26.0	26.0	23.0	27.3	27.3	23.0	23.0
FR1 n30	Ant 2	18.1	21.0	18.1	23.0	21.7	18.5	23.0	23.0
FR1 n30 Other Path	Ant 2	18.1	21.0	18.1	23.0	21.7	18.5	23.0	23.0
FR1 n30	Ant 0	30.5	23.9	21.7	24.5			23.0	23.0
FR1 n30 Other Path	Ant 0	30.5	23.9	21.7	24.5			23.0	23.0
FR1 n66	Ant 2	17.6	20.9	17.7	22.0	21.0	18.0	23.0	23.0
FR1 n66 Other Path	Ant 2	17.6	20.9	17.7	22.0	21.0	18.0	23.0	23.0
FR1 n66	Ant 3	19	21.7	19.1	21.9	22.4	19.9	23.0	23.0
FR1 n66 Other Path	Ant 3	19	21.7	19.1	21.9	22.4	19.9	23.0	23.0
FR1 n66	Ant 0	33.8	23.0	22.0	25.8			23.0	23.0
FR1 n66 Other Path	Ant 0	33.8	23.0	22.0	25.8			23.0	23.0
FR1 n66	Ant 1	37.3	21.9	18.8	24.0			22.0	22.0
FR1 n66 Other Path	Ant 1	37.3	21.9	18.8	24.0			23.0	23.0
FR1 n70	Ant 2	18.5	21.8	18.9	23.4	23.4	20.3	23.0	23.0
FR1 n70	Ant 3	20.7	23.7	20.8	22.0	24.6	21.4	23.0	23.0
FR1 n70	Ant 0	34.5	22.7	22.0	25.1			23.0	23.0
FR1 n70	Ant 1	38.5	22.5	19.2	24.6			23.0	23.0
FR1 n71	Ant 0	33	27.4	26.2	23.0	30.7	28.3	23.0	23.0
FR1 n71 Other Path	Ant 0	33	27.4	26.2	23.0	30.7	28.3	23.0	23.0
FR1 n71	Ant 1	31.2	27.2	26.2	23.0	28.3	28.3	23.0	23.0
FR1 n71 Other Path	Ant 1	31.2	27.2	26.2	23.0	28.3	28.3	23.0	23.0
FR1 n41(38)	Ant 2	18.9	21.5	18.3	22.8	22.7	19.3	23.0	23.0
FR1 n41 HPUE	Ant 2	18.9	21.5	18.3	22.8	22.7	19.3	23.0	23.0
FR1 n41(38)	Ant 3	18.3	20.9	18.0	20.7	22.4	19.6	23.5	23.5
FR1 n41 HPUE	Ant 3	18.3	20.9	18.0	20.7	22.4	19.6	23.5	23.5

FR1 n41(38)	Ant 0	29.2	20.9	18.3	23.5	26.9	22.8	23.0	23.0
FR1 n41 HPUE	Ant 0	29.2	20.9	18.3	23.5	26.9	22.8	23.0	23.0
FR1 n41(38)	Ant 1	29.9	23.6	21.1	23.9	26.4	25.3	23.0	23.0
FR1 n41 HPUE	Ant 1	29.9	23.6	21.1	23.9	26.4	25.3	23.0	23.0
FR1 n48	Ant 4	17.2	20.8	15.3	21.3	21.7	18.1	23.0	23.0
FR1 n48	Ant 8	18.5	19.0	16.8	20.4	20.6	19.8	23.5	23.5
FR1 n48	Ant 3	19	21.5	17.4	20.2	23.8	19.5	23.5	23.5
FR1 n48	Ant 5	19.1	22.7	18.2	21.3	23.5	18.9	21.3	23.0
FR1 n77(78)	Ant 4	16.1	19.2	16.3	19.0	22.1	18.0	23.0	23.0
FR1 n77(78)HPUE	Ant 4	16.1	19.2	16.3	19.0	22.1	18.0	23.0	23.0
FR1 n77(78)	Ant 8	18.3	19.7	18.1	21.1	21.4	19.8	23.0	23.0
FR1 n77(78)HPUE	Ant 8	18.3	19.7	18.1	21.1	21.4	19.8	23.0	23.0
FR1 n77(78)	Ant 3	17.8	21.8	17.6	21.0	22.5	19.2	23.0	23.0
FR1 n77(78)HPUE	Ant 3	17.8	21.8	17.6	21.0	22.5	19.2	23.0	23.0
FR1 n77(78)	Ant 5	15.3	21.8	15.6	19.4	22.6	18.6	19.4	23.0
FR1 n77(78)HPUE	Ant 5	15.3	21.8	15.6	19.4	22.6	18.6	19.4	23.0
UL-MIMO FR1 n25(2)_PC2	Ant 2+3	15.1	18.9	15.4	20.9	19.3	16.7	23.0	23.0
UL-MIMO FR1 n25(2)_PC2	Ant 2+1	18.6	21.3	17.9	23.5			23.0	23.0
UL-MIMO FR1 n25(2)_PC2	Ant 0+3	19.4	21.4	18.6	23.0			23.0	23.0
UL-MIMO FR1 n25(2)_PC2	Ant 0+1	32.7	20.1	18.2	20.3			23.0	23.0
UL-MIMO FR1 n66_PC2	Ant 2+3	16.6	20.9	17.9	22.0	21.8	18.0	23.0	23.0
UL-MIMO FR1 n66_PC2	Ant 2+1	17.6	20.9	17.7	22.0			23.0	23.0
UL-MIMO FR1 n66_PC2	Ant 0+3	19	21.7	19.1	21.9			23.0	23.0
UL-MIMO FR1 n66_PC2	Ant 0+1	33.8	21.6	19.3	24.0			22.5	22.5
UL-MIMO FR1 n41_PC2	Ant 2+3	15.6	18.0	15.1	18.3	20.2	17.1	23.5	23.5
UL-MIMO FR1 n41_PC1.5	Ant 2+3	15.6	18.0	14.1	18.3	20.2	17.1	23.5	23.0
UL-MIMO FR1 n41_PC2	Ant 2+1	18.9	21.5	18.3	22.8	22.4	20.0	23.0	23.0
UL-MIMO FR1 n41_PC1.5	Ant 2+1	18.9	21.5	18.3	22.8	22.4	20.0	23.0	23.0
UL-MIMO FR1 n41_PC2	Ant 0+3	18.3	20.9	18.0	20.7	22.5	19.6	23.5	23.5
UL-MIMO FR1 n41_PC1.5	Ant 0+3	18.3	20.9	18.0	20.7	22.5	19.6	23.5	23.5
UL-MIMO FR1 n41_PC2	Ant 0+1	29.2	21.3	19.0	22.0	26.4	20.3	23.0	23.0
UL-MIMO FR1 n41_PC1.5	Ant 0+1	29.2	21.3	19.0	22.0	26.4	20.3	23.0	23.0
UL-MIMO FR1 n48_PC2	Ant 4+8	16.9	19.1	13.2	15.9	17.0	15.0	20.0	20.0
UL-MIMO FR1 n48_PC2	Ant 4+5	16.2	19.5	10.2	16.8	16.3	13.5	20.0	20.0
UL-MIMO FR1 n48_PC2	Ant 3+8	17.6	19.1	13.8	17.6	16.5	16.2	20.0	20.0
UL-MIMO FR1 n48_PC2	Ant 3+5	17.1	19.1	12.2	14.4	16.5	13.2	20.0	20.0
UL-MIMO FR1 n77(78)_PC2	Ant 4+8	16.5	19.3	16.6	19.8	20.0	18.0	23.0	23.0
UL-MIMO FR1 n77_PC1.5	Ant 4+8	16.5	19.3	16.6	19.8	20.0	18.0	23.0	23.0
UL-MIMO FR1 n77(78)_PC2	Ant 4+5	16	19.6	15.7	19.7	20.0	17.0	23.0	23.0
UL-MIMO FR1 n77_PC1.5	Ant 4+5	16	19.6	15.7	19.7	20.0	17.0	23.0	23.0
UL-MIMO FR1 n77(78)_PC2	Ant 3+8	18.6	19.7	16.6	21.9	20.4	18.8	23.0	23.0
UL-MIMO FR1 n77_PC1.5	Ant 3+8	18.6	19.7	16.6	21.9	20.4	18.8	23.0	23.0
WLAN2.4G	Ant 7	13.5	18.0	13.5	18.0	18.0	13.5	18.0	20.5
WLAN2.4G	Ant 6	14	18.5	14.0	18.5	18.5	14.0	18.5	21.5
WLAN2.4G	Ant 7+6	14	18.5	14.0	18.5	18.5	14.0	18.5	24.0
Bluetooth	Ant 7	12.3	15.3	11.8	16.8	16.3	14.3	16.8	16.8
Bluetooth	Ant 6	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
WLAN5.2G	Ant 7	16.5	17.0	16.5	19.0	17.5	15.5	19.0	19.0
WLAN5.2G	Ant 5	16.5	17.0	16.5	19.0	17.5	15.5	19.0	19.0
WLAN5.2G	Ant 5+7	16.5	17.0	16.5	19.0	17.5	15.5	22.0	22.0
WLAN5.3G	Ant 7	16.5	17.0		19.0	17.5		19.0	19.0
WLAN5.3G	Ant 5	16.5	17.0		19.0	17.5		19.0	19.0
WLAN5.3G	Ant 5+7	16.5	17.0		19.0	17.5		22.0	22.0
WLAN5.5G	Ant 7	15.5	16.0		19.0	17.5		19.0	19.0
WLAN5.5G	Ant 5	15.5	16.0		19.0	17.5		19.0	19.0
WLAN5.5G	Ant 5+7	15.5	16.0		19.0	17.5		22.0	22.0

WLAN5.8G	Ant 7	16	16.5	16.0	19.5	18.0	18.0	20.0	20.0
WLAN5.8G	Ant 5	16	16.5	16.0	19.5	18.0	18.0	20.0	20.0
WLAN5.8G	Ant 5+7	16	16.5	16.0	19.5	18.0	18.0	23.0	23.0
WLAN6G Band 5	Ant 7	12	13.5		13.5	12.0		13.5	15.5
WLAN6G Band 5	Ant 5	12.5	14.0		14.0	12.5		14.0	16.0
WLAN6G Band 5	Ant 5+7	12.5	14.0		14.0	12.5		14.0	19.0
WLAN6G Band 6	Ant 7	16	14.0		14.0	16.0		14.0	16.0
WLAN6G Band 6	Ant 5	15.5	13.5		13.5	15.5		13.5	15.5
WLAN6G Band 6	Ant 5+7	16	14.0		14.0	16.0		14.0	19.0
WLAN6G Band 7	Ant 7	16	15.0		15.0	12.5		15.0	16.0
WLAN6G Band 7	Ant 5	15.5	14.5		14.5	12.0		14.5	15.5
WLAN6G Band 7	Ant 5+7	16	15.0		15.0	12.5		15.0	18.5
WLAN6G Band 8	Ant 7	15	14.0		14.0	14.0		14.0	16.0
WLAN6G Band 8	Ant 5	15	14.0		14.0	14.0		14.0	16.0
WLAN6G Band 8	Ant 5+7	15	14.0		14.0	14.0		14.0	19.0

Note:

1) *Pmax is used for RF tune up procedure. The maximum allowed output power is equal to Pmax + total uncertainty. (The device uncertainty for sub-6GHz WWAN is 1.0 dB for this DUT, the device uncertainty for WLAN/BT Bands is 1.5 dB).

2) All Plimit power levels entered in the Table correspond to average power levels after accounting for duty cycle in the case TDD modulation schemes (for e.g., GSM & LTE TDD & NR TDD&WLAN/BT).

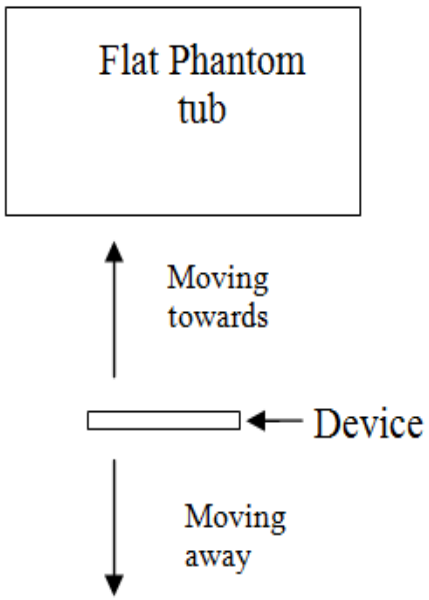
3) The max allowed output power is the Plimit + total uncertainty, and if Plimit is higher than Pmax, the device output power will be Pmax instead.

4) For closed state, this device cannot transmit with antenna 0 for 5GNR n2/7/25/30/66/70 and antenna 1 for 5GNR n2/7/25/66/70.

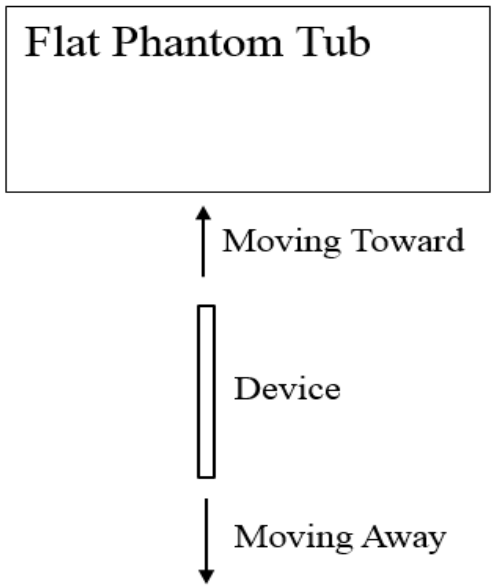
6. Proximity Sensor Triggering Test

<Proximity Sensor Triggering Distance>:

1. Proximity sensor triggering distance testing was performed according to the procedures outlined in KDB 616217 D04 section 6.2, and EUT moving further away from the flat phantom and EUT moving toward the flat phantom were both assessed and the tissue-equivalent medium for highest frequency (7125MHz) and lowest (1750MHz) frequency was used for proximity sensor triggering testing.
2. Capacitive proximity sensors placed coincident with antenna elements at the top and bottom ends of the phone are utilized to determine when the device comes in proximity of the user's body at the front or back of the device.
3. The output power will reduce to body worn power level when top and bottom sensor pad be detected.
4. The sensors used to detect the proximity of the user's body at the front or back surface of the device use a detection threshold distance. The data shown in the sections below shows the distance(s). When front or back body worn condition is detected reduced power will be active.
5. The device employs proximity sensors also can detect the presence of the user's a finger or hand when handheld state at the front/back/top /left/right sides of the device. When front/back/top /left/right sides of handheld condition is detected reduced power will be active.
6. For verification of compliance of power reduction scheme, additional SAR testing with EUT transmitting at full RF power at a conservative trigger distance -1mm was performed:



Sensor/Handheld detection test set-up, Front and Back sides



Handheld detection test set-up, Left Side, Right Side and Top Side

<Flip-Open Mode>

<P-Sensor>

Proximity Sensor Triggering Distance (mm)				
Position	Front		Back	
	Moving towards	Moving away	Moving towards	Moving away
Minimum	17	20	17	19

<Handheld for ANT2/4>

Proximity Sensor Triggering Distance (mm)						
Position	Front		Back		Left Side	
	Moving towards	Moving away	Moving towards	Moving away	Moving towards	Moving away
Minimum	9	13	8	12	14	18

<Handheld for ANT 3>

Proximity Sensor Triggering Distance (mm)								
Position	Front		Back		Left Side		Top Side	
	Moving towards	Moving away	Moving towards	Moving away	Moving towards	Moving away	Moving towards	Moving away
Minimum	10	15	9	14	8	13	14	19

<Handheld for ANT 7/8/5+7/6+7>

Proximity Sensor Triggering Distance (mm)						
Position	Front		Back		Right Side	
	Moving towards	Moving away	Moving towards	Moving away	Moving towards	Moving away
Minimum	11	15	8	13	15	20

<Flip-Close Mode>

<P-Sensor>

Proximity Sensor Triggering Distance (mm)				
Position	Front		Back	
	Moving towards	Moving away	Moving towards	Moving away
Minimum	11	15	17	20

7. RF Exposure Limits

7.1 Uncontrolled Environment

Uncontrolled Environments are defined as locations where there is the exposure of individuals who have no knowledge or control of their exposure. The general population/uncontrolled exposure limits are applicable to situations in which the general public may be exposed or in which persons who are exposed as a consequence of their employment may not be made fully aware of the potential for exposure or cannot exercise control over their exposure. Members of the general public would come under this category when exposure is not employment-related; for example, in the case of a wireless transmitter that exposes persons in its vicinity.

7.2 Controlled Environment

Controlled Environments are defined as locations where there is exposure that may be incurred by persons who are aware of the potential for exposure, (i.e. as a result of employment or occupation). In general, occupational/controlled exposure limits are applicable to situations in which persons are exposed as a consequence of their employment, who have been made fully aware of the potential for exposure and can exercise control over their exposure. The exposure category is also applicable when the exposure is of a transient nature due to incidental passage through a location where the exposure levels may be higher than the general population/uncontrolled limits, but the exposed person is fully aware of the potential for exposure and can exercise control over his or her exposure by leaving the area or by some other appropriate means.

Limits for Occupational/Controlled Exposure (W/kg)

Whole-Body	Partial-Body	Hands, Wrists, Feet and Ankles
0.4	8.0	20.0

Limits for General Population/Uncontrolled Exposure (W/kg)

Whole-Body	Partial-Body	Hands, Wrists, Feet and Ankles
0.08	1.6	4.0

Whole-Body SAR is averaged over the entire body, partial-body SAR is averaged over any 1gram of tissue defined as a tissue volume in the shape of a cube. SAR for hands, wrists, feet and ankles is averaged over any 10 grams of tissue defined as a tissue volume in the shape of a cube.

8. Specific Absorption Rate (SAR)

8.1 Introduction

SAR is related to the rate at which energy is absorbed per unit mass in an object exposed to a radio field. The SAR distribution in a biological body is complicated and is usually carried out by experimental techniques or numerical modeling. The standard recommends limits for two tiers of groups, occupational/controlled and general population/uncontrolled, based on a person's awareness and ability to exercise control over his or her exposure. In general, occupational/controlled exposure limits are higher than the limits for general population/uncontrolled.

8.2 SAR Definition

The SAR definition is the time derivative (rate) of the incremental energy (dW) absorbed by (dissipated in) an incremental mass (dm) contained in a volume element (dv) of a given density (ρ). The equation description is as below:

$$\mathbf{SAR} = \frac{\mathbf{d}}{\mathbf{dt}}\left(\frac{\mathbf{dW}}{\mathbf{dm}}\right) = \frac{\mathbf{d}}{\mathbf{dt}}\left(\frac{\mathbf{dW}}{\boldsymbol{\rho}\mathbf{dv}}\right)$$

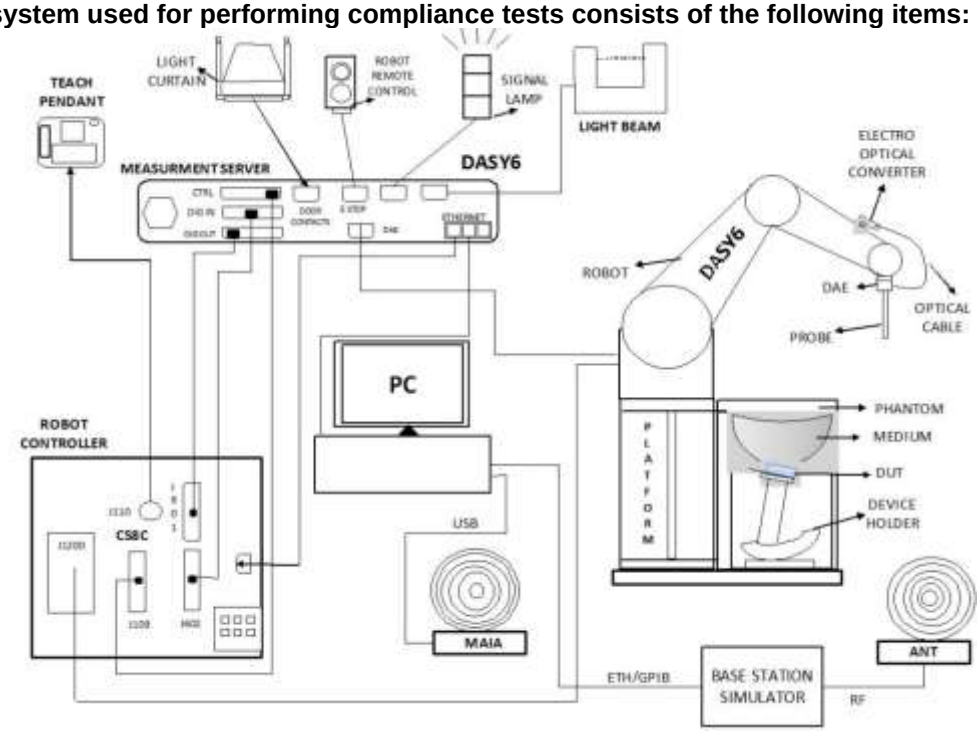
SAR is expressed in units of Watts per kilogram (W/kg)

$$\mathbf{SAR} = \frac{\boldsymbol{\sigma}|\mathbf{E}|^2}{\boldsymbol{\rho}}$$

Where: σ is the conductivity of the tissue, ρ is the mass density of the tissue and E is the RMS electrical field strength.

9. System Description and Setup

The DASY system used for performing compliance tests consists of the following items:



- A standard high precision 6-axis robot with controller, teach pendant and software. An arm extension for accommodating the data acquisition electronics (DAE).
- An isotropic Field probe optimized and calibrated for the targeted measurement.
- A data acquisition electronics (DAE) which performs the signal amplification, signal multiplexing, AD-conversion, offset measurements, mechanical surface detection, collision detection, etc. The unit is battery powered with standard or rechargeable batteries. The signal is optically transmitted to the EOC.
- The Electro-optical converter (EOC) performs the conversion from optical to electrical signals for the digital communication to the DAE. To use optical surface detection, a special version of the EOC is required. The EOC signal is transmitted to the measurement server.
- The function of the measurement server is to perform the time critical tasks such as signal filtering, control of the robot operation and fast movement interrupts.
- The Light Beam used is for probe alignment. This improves the (absolute) accuracy of the probe positioning.
- A computer running Win7 or Win10 and the DASY5 or DASY6 software.
- Remote control and teach pendant as well as additional circuitry for robot safety such as warning lamps, etc.
- The phantom, the device holder and other accessories according to the targeted measurement.

9.1 E-Field Probe

The SAR measurement is conducted with the dosimetric probe (manufactured by SPEAG).The probe is specially designed and calibrated for use in liquid with high permittivity. The dosimetric probe has special calibration in liquid at different frequency. This probe has a built in optical surface detection system to prevent from collision with phantom.

<EX3DV4 Probe>

Construction	Symmetric design with triangular core Built-in shielding against static charges PEEK enclosure material (resistant to organic solvents, e.g., DGBE)
Frequency	4 MHz – 10 GHz Linearity: ±0.2 dB (30 MHz – 10 GHz)
Directivity	±0.3 dB in TSL (rotation around probe axis) ±0.5 dB in TSL (rotation normal to probe axis)
Dynamic Range	10 µW/g – >100 mW/g Linearity: ±0.2 dB (noise: typically <1 µW/g)
Dimensions	Overall length: 337 mm (tip: 20 mm) Tip diameter: 2.5 mm (body: 12 mm) Typical distance from probe tip to dipole centers: 1 mm

9.2 Data Acquisition Electronics (DAE)

The data acquisition electronics (DAE) consists of a highly sensitive electrometer-grade preamplifier with auto-zeroing, a channel and gain-switching multiplexer, a fast 16 bit AD-converter and a command decoder and control logic unit. Transmission to the measurement server is accomplished through an optical downlink for data and status information as well as an optical uplink for commands and the clock.

The input impedance of the DAE is 200 MOhm; the inputs are symmetrical and floating. Common mode rejection is above 80 dB.

Photo of DAE

9.3 Phantom

<SAM Twin Phantom>

Shell Thickness	2 ± 0.2 mm; Center ear point: 6 ± 0.2 mm
Filling Volume	Approx. 25 liters
Dimensions	Length: 1000 mm; Width: 500 mm; Height: adjustable feet
Measurement Areas	Left Hand, Right Hand, Flat Phantom

The bottom plate contains three pair of bolts for locking the device holder. The device holder positions are adjusted to the standard measurement positions in the three sections. A white cover is provided to tap the phantom during off-periods to prevent water evaporation and changes in the liquid parameters. On the phantom top, three reference markers are provided to identify the phantom position with respect to the robot.

<ELI Phantom>

Shell Thickness	2 ± 0.2 mm (sagging: <1%)
Filling Volume	Approx. 30 liters
Dimensions	Major ellipse axis: 600 mm Minor axis: 400 mm

The ELI phantom is intended for compliance testing of handheld and body-mounted wireless devices or for evaluating transmitters operating at low frequencies. ELI is fully compatible with standard and all known tissue simulating liquids.

9.4 Device Holder

<Mounting Device for Hand-Held Transmitter>

In combination with the Twin SAM V5.0/V5.0c or ELI phantoms, the Mounting Device for Hand-Held Transmitters enables rotation of the mounted transmitter device to specified spherical coordinates. At the heads, the rotation axis is at the ear opening. Transmitter devices can be easily and accurately positioned according to IEC 62209-1, IEEE 1528, FCC, or other specifications. The device holder can be locked for positioning at different phantom sections (left head, right head, flat). And upgrade kit to Mounting Device to enable easy mounting of wider devices like big smart-phones, e-books, small tablets, etc. It holds devices with width up to 140 mm.

Mounting Device for Hand-Held Transmitters

Mounting Device Adaptor for Wide-Phones

<Mounting Device for Laptops and other Body-Worn Transmitters>

The extension is lightweight and made of POM, acrylic glass and foam. It fits easily on the upper part of the mounting device in place of the phone positioned. The extension is fully compatible with the SAM Twin and ELI phantoms.

Mounting Device for Laptops

10. Measurement Procedures

The measurement procedures are as follows:

<Conducted power measurement>

(a) For WWAN power measurement, use base station simulator to configure EUT WWAN transmission in conducted connection with RF cable, at maximum power in each supported wireless interface and frequency band.
(b) Read the WWAN RF power level from the base station simulator.
(c) For WLAN/BT power measurement, use engineering software to configure EUT WLAN/BT continuously transmission, at maximum RF power in each supported wireless interface and frequency band
(d) Connect EUT RF port through RF cable to the power meter, and measure WLAN/BT output power

<SAR measurement>

(a) Use base station simulator to configure EUT WWAN transmission in radiated connection, and engineering software to configure EUT WLAN/BT continuously transmission, at maximum RF power, in the highest power channel.
(b) Place the EUT in the positions as Appendix D demonstrates.
(c) Set scan area, grid size and other setting on the DASY software.
(d) Measure SAR results for the highest power channel on each testing position.
(e) Find out the largest SAR result on these testing positions of each band
(f) Measure SAR results for other channels in worst SAR testing position if the reported SAR of highest power channel is larger than 0.8 W/kg

According to the test standard, the recommended procedure for assessing the peak spatial-average SAR value consists of the following steps:

(a) Power reference measurement
(b) Area scan
(c) Zoom scan
(d) Power drift measurement

10.1 Spatial Peak SAR Evaluation

The procedure for spatial peak SAR evaluation has been implemented according to the test standard. It can be conducted for 1g and 10g, as well as for user-specific masses. The DASY software includes all numerical procedures necessary to evaluate the spatial peak SAR value.

The base for the evaluation is a "cube" measurement. The measured volume must include the 1g and 10g cubes with the highest averaged SAR values. For that purpose, the center of the measured volume is aligned to the interpolated peak SAR value of a previously performed area scan.

The entire evaluation of the spatial peak values is performed within the post-processing engine (SEMCAD). The system always gives the maximum values for the 1g and 10g cubes. The algorithm to find the cube with highest averaged SAR is divided into the following stages:

(a) Extraction of the measured data (grid and values) from the Zoom Scan
(b) Calculation of the SAR value at every measurement point based on all stored data (A/D values and measurement parameters)
(c) Generation of a high-resolution mesh within the measured volume
(d) Interpolation of all measured values form the measurement grid to the high-resolution grid
(e) Extrapolation of the entire 3-D field distribution to the phantom surface over the distance from sensor to surface
(f) Calculation of the averaged SAR within masses of 1g and 10g

10.2 Power Reference Measurement

The Power Reference Measurement and Power Drift Measurements are for monitoring the power drift of the device under test in the batch process. The minimum distance of probe sensors to surface determines the closest measurement point to phantom surface. This distance cannot be smaller than the distance of sensor calibration points to probe tip as defined in the probe properties.

10.3 Area Scan

The area scan is used as a fast scan in two dimensions to find the area of high field values, before doing a fine measurement around the hot spot. The sophisticated interpolation routines implemented in DASY software can find the maximum found in the scanned area, within a range of the global maximum. The range (in dB0 is specified in the standards for compliance testing. For example, a 2 dB range is required in IEEE standard 1528 and IEC 62209 standards, whereby 3 dB is a requirement when compliance is assessed in accordance with the ARIB standard (Japan), if only one zoom scan follows the area scan, then only the absolute maximum will be taken as reference. For cases where multiple maximums are detected, the number of zoom scans has to be increased accordingly.

Area scan parameters extracted from FCC KDB 865664 D01v01r04 SAR measurement 100 MHz to 6 GHz.

	≤ 3 GHz	> 3 GHz
Maximum distance from closest measurement point (geometric center of probe sensors) to phantom surface	5 ± 1 mm	½·δ·ln(2) ± 0.5 mm
Maximum probe angle from probe axis to phantom surface normal at the measurement location	30° ± 1°	20° ± 1°
Maximum area scan spatial resolution: Δx_{Area}, Δy_{Area}	≤ 2 GHz: ≤ 15 mm 2 – 3 GHz: ≤ 12 mm	3 – 4 GHz: ≤ 12 mm 4 – 6 GHz: ≤ 10 mm
	When the x or y dimension of the test device, in the measurement plane orientation, is smaller than the above, the measurement resolution must be ≤ the corresponding x or y dimension of the test device with at least one measurement point on the test device.	

10.4 Zoom Scan

Zoom scans are used assess the peak spatial SAR values within a cubic averaging volume containing 1 gram and 10 gram of simulated tissue. The zoom scan measures points (refer to table below) within a cube shoes base faces are centered on the maxima found in a preceding area scan job within the same procedure. When the measurement is done, the zoom scan evaluates the averaged SAR for 1 gram and 10 gram and displays these values next to the job's label.

Zoom scan parameters extracted from FCC KDB 865664 D01v01r04 SAR measurement 100 MHz to 6 GHz.

			≤ 3 GHz	> 3 GHz
Maximum zoom scan spatial resolution: Δx_{Zoom}, Δy_{Zoom}			≤ 2 GHz: ≤ 8 mm 2 – 3 GHz: ≤ 5 mm*	3 – 4 GHz: ≤ 5 mm* 4 – 6 GHz: ≤ 4 mm*
Maximum zoom scan spatial resolution, normal to phantom surface	uniform grid: $\Delta z_{Zoom}(n)$		≤ 5 mm	3 – 4 GHz: ≤ 4 mm 4 – 5 GHz: ≤ 3 mm 5 – 6 GHz: ≤ 2 mm
	graded grid	$\Delta z_{Zoom}(1)$: between 1st two points closest to phantom surface	≤ 4 mm	3 – 4 GHz: ≤ 3 mm 4 – 5 GHz: ≤ 2.5 mm 5 – 6 GHz: ≤ 2 mm
		$\Delta z_{Zoom}(n>1)$: between subsequent points	≤ 1.5·$\Delta z_{Zoom}(n-1)$	
Minimum zoom scan volume	x, y, z		≥ 30 mm	3 – 4 GHz: ≥ 28 mm 4 – 5 GHz: ≥ 25 mm 5 – 6 GHz: ≥ 22 mm

Note: δ is the penetration depth of a plane-wave at normal incidence to the tissue medium; see draft standard IEEE P1528-2011 for details.

* When zoom scan is required and the *reported* SAR from the *area scan based 1-g SAR estimation* procedures of KDB 447498 is ≤ 1.4 W/kg, ≤ 8 mm, ≤ 7 mm and ≤ 5 mm zoom scan resolution may be applied, respectively, for 2 GHz to 3 GHz, 3 GHz to 4 GHz and 4 GHz to 6 GHz.

10.5 Volume Scan Procedures

The volume scan is used for assess overlapping SAR distributions for antennas transmitting in different frequency bands. It is equivalent to an oversized zoom scan used in standalone measurements. The measurement volume will be used to enclose all the simultaneous transmitting antennas. For antennas transmitting simultaneously in different frequency bands, the volume scan is measured separately in each frequency band. In order to sum correctly to compute the 1g aggregate SAR, the EUT remain in the same test position for all measurements and all volume scan use the same spatial resolution and grid spacing. When all volume scan were completed, the software, SEMCAD postprocessor can combine and subsequently superpose these measurement data to calculating the multiband SAR.

10.6 Power Drift Monitoring

All SAR testing is under the EUT install full charged battery and transmit maximum output power. In DASY measurement software, the power reference measurement and power drift measurement procedures are used for monitoring the power drift of EUT during SAR test. Both these procedures measure the field at a specified reference position before and after the SAR testing. The software will calculate the field difference in dB. If the power drifts more than 5%, the SAR will be retested.

11. Test Equipment List

Manufacturer	Name of Equipment	Type/Model	Serial Number	Calibration	
				Last Cal.	Due Date
SPEAG	750MHz System Validation Kit	D750V3	1087	2022/2/24	2025/2/22
SPEAG	835MHz System Validation Kit	D835V2	4d298	2024/1/26	2025/1/25
SPEAG	1750MHz System Validation Kit	D1750V2	1090	2022/2/24	2025/2/22
SPEAG	1900MHz System Validation Kit	D1900V2	5d118	2022/3/30	2025/3/28
SPEAG	2300MHz System Validation Kit	D2300V2	1055	2023/8/21	2026/8/20
SPEAG	2450MHz System Validation Kit	D2450V2	1095	2024/2/8	2025/2/7
SPEAG	2600MHz System Validation Kit	D2600V2	1112	2023/12/18	2026/12/17
SPEAG	3500MHz System Validation Kit	D3500V2	1037	2023/11/20	2026/11/19
SPEAG	3700MHz System Validation Kit	D3700V2	1008	2023/11/20	2026/11/19
SPEAG	3900MHz System Validation Kit	D3900V2	1048	2023/3/9	2026/3/8
SPEAG	5000MHz System Validation Kit	D5GHzV2	1113	2022/9/23	2025/9/21
SPEAG	Data Acquisition Electronics	DAE4	1358	2024/5/23	2025/5/22
SPEAG	Data Acquisition Electronics	DAE4	1649	2024/7/3	2025/7/2
SPEAG	Dosimetric E-Field Probe	EX3DV4	7774	2024/6/27	2025/6/26
SPEAG	Dosimetric E-Field Probe	EX3DV4	7706	2024/1/24	2025/1/23
SPEAG	SAM Twin Phantom	SAM Twin	TP-2024	NCR	NCR
SPEAG	SAM Twin Phantom	SAM Twin	TP-2022	NCR	NCR
CHIGO	Thermo-Hygrometer	HTC-1	55009	2024/1/4	2025/1/3
SPEAG	Phone Positioner	N/A	N/A	NCR	NCR
Anritsu	Radio Communication Analyzer	MT8821C	6262306175	2024/7/4	2025/7/3
Agilent	ENA Series Network Analyzer	E5071C	MY46112129	2024/7/4	2025/7/3
SPEAG	Dielectric Probe Kit	DAK-3.5	1144	2024/8/20	2025/8/19
Anritsu	Vector Signal Generator	MG3710A	6201682672	2024/1/2	2025/1/1
Rohde & Schwarz	Power Meter	NRVD	102081	2024/7/4	2025/7/3
Rohde & Schwarz	Power Sensor	NRV-Z5	100538	2024/7/4	2025/7/3
Rohde & Schwarz	Power Sensor	NRV-Z5	100539	2024/7/4	2025/7/3
R&S	BLUETOOTH TESTER	CBT	101246	2024/7/4	2025/7/3
Rohde & Schwarz	Spectrum Analyzer	FSV7	101631	2024/10/11	2025/10/10
TES	DIGITAC THERMOMETER	TYPE-K	220305411	2024/1/4	2025/1/3
ARRA	Power Divider	A3200-2	N/A	Note 1	
MCL	Attenuation1	BW-S10W5+	N/A	Note 1	
MCL	Attenuation2	BW-S10W5+	N/A	Note 1	
MCL	Attenuation3	BW-S10W5+	N/A	Note 1	
BONN	POWER AMPLIFIER	BLMA 0830-3	087193A	Note 1	
BONN	POWER AMPLIFIER	BLMA 2060-2	087193B	Note 1	
Agilent	Dual Directional Coupler	778D	20500	Note 1	
Agilent	Dual Directional Coupler	11691D	MY48151020	Note 1	

Note:

1. Prior to system verification and validation, the path loss from the signal generator to the system check source and the power meter, which includes the amplifier, cable, attenuator and directional coupler, was measured by the network analyzer. The reading of the power meter was offset by the path loss difference between the path to the power meter and the path to the system check source to monitor the actual power level fed to the system check
2. Referring to KDB 865664 D01v01r04, the dipole calibration interval can be extended to 3 years with justification. The dipoles are also not physically damaged, or repaired during the interval.
3. The justification data of dipole can be found in appendix C. The return loss is < -20dB, within 20% of prior calibration, the impedance is within 5 ohm of prior calibration.

12. System Verification

12.1 Tissue Simulating Liquids

For the measurement of the field distribution inside the SAM phantom with DASY, the phantom must be filled with around 25 liters of homogeneous body tissue simulating liquid. For head SAR testing, the liquid height from the ear reference point (ERP) of the phantom to the liquid top surface is larger than 15 cm, which is shown in Fig. 11.1. For body SAR testing, the liquid height from the center of the flat phantom to the liquid top surface is larger than 15 cm, which is shown in Fig. 11.2.

Fig 11.1 Photo of Liquid Height for Head SAR

Fig 11.2 Photo of Liquid Height for Body SAR

12.2 Tissue Verification

The following tissue formulations are provided for reference only as some of the parameters have not been thoroughly verified. The composition of ingredients may be modified accordingly to achieve the desired target tissue parameters required for routine SAR evaluation.

Frequency (MHz)	Water (%)	Sugar (%)	Cellulose (%)	Salt (%)	Preventol (%)	DGBE (%)	Conductivity (σ)	Permittivity (εr)
For Head								
750	41.1	57.0	0.2	1.4	0.2	0	0.89	41.9
835	40.3	57.9	0.2	1.4	0.2	0	0.90	41.5
1800, 1900, 2000	55.2	0	0	0.3	0	44.5	1.40	40.0
2450	55.0	0	0	0	0	45.0	1.80	39.2
2600	54.8	0	0	0.1	0	45.1	1.96	39.0

Simulating Liquid for 5GHz, Manufactured by SPEAG

Ingredients	(% by weight)
Water	64~78%
Mineral oil	11~18%
Emulsifiers	9~15%
Additives and Salt	2~3%

<Tissue Dielectric Parameter Check Results>

Frequency (MHz)	Tissue Type	Liquid Temp. (℃)	Conductivity (σ)	Permittivity (ε_r)	Conductivity Target (σ)	Permittivity Target (ε_r)	Delta (σ) (%)	Delta (ε_r) (%)	Limit (%)	Date
750	Head	22.6	0.872	41.2	0.89	41.90	-2.02	-1.67	±5	2024/12/8
835	Head	22.7	0.920	40.6	0.90	41.50	2.22	-2.17	±5	2024/12/9
1750	Head	22.8	1.39	38.5	1.37	40.10	1.46	-3.99	±5	2024/12/10
1900	Head	22.7	1.45	39.9	1.40	40.00	3.57	-0.25	±5	2024/12/11
2300	Head	22.8	1.65	39.6	1.67	39.50	-1.20	0.25	±5	2024/12/11
2600	Head	22.6	1.93	37.4	1.96	39.00	-1.53	-4.10	±5	2024/12/12
3500	Head	22.8	2.79	39.6	2.91	37.90	-4.12	4.49	±5	2024/12/13
3700	Head	22.7	3.01	38.5	3.12	37.70	-3.53	2.12	±5	2024/12/14
3900	Head	22.7	3.19	38.4	3.32	37.50	-3.92	2.40	±5	2024/12/15
750	Head	22.8	0.915	43.1	0.89	41.90	2.81	2.86	±5	2024/12/17
835	Head	22.7	0.911	41.9	0.90	41.50	1.22	0.96	±5	2024/12/18
1750	Head	22.8	1.35	39.4	1.37	40.10	-1.46	-1.75	±5	2024/12/19
1900	Head	22.7	1.44	39.1	1.40	40.00	2.86	-2.25	±5	2024/12/20
2300	Head	22.6	1.71	39.4	1.67	39.50	2.40	-0.25	±5	2024/12/20
2600	Head	22.9	1.93	38.2	1.96	39.00	-1.53	-2.05	±5	2024/12/21
3500	Head	22.7	2.81	38.7	2.91	37.90	-3.44	2.11	±5	2024/12/22
3700	Head	22.8	2.99	38.4	3.12	37.70	-4.17	1.86	±5	2024/12/23
3900	Head	22.6	3.18	38.1	3.32	37.50	-4.22	1.60	±5	2024/12/24
2450	Head	22.7	1.83	37.5	1.80	39.20	1.67	-4.34	±5	2024/12/26
5250	Head	22.7	4.60	35.9	4.71	35.90	-2.34	0.00	±5	2024/12/27
5600	Head	22.8	5.00	35.3	5.07	35.50	-1.38	-0.56	±5	2024/12/28
5750	Head	22.8	5.17	35.1	5.22	35.40	-0.96	-0.85	±5	2024/12/29
750	Head	22.8	0.926	42.4	0.89	41.90	4.04	1.19	±5	2024/12/8
835	Head	22.8	0.935	42.1	0.90	41.50	3.89	1.45	±5	2024/12/9
1750	Head	22.8	1.38	40.3	1.37	40.10	0.73	0.50	±5	2024/12/10
1900	Head	22.8	1.45	40.0	1.40	40.00	3.57	0.00	±5	2024/12/11
2300	Head	22.6	1.71	39.5	1.67	39.50	2.40	0.00	±5	2024/12/11
2600	Head	22.8	1.94	39.1	1.96	39.00	-1.02	0.26	±5	2024/12/12
3500	Head	22.7	2.81	39.0	2.91	37.90	-3.44	2.90	±5	2024/12/13
3700	Head	22.7	2.99	38.7	3.12	37.70	-4.17	2.65	±5	2024/12/14
3900	Head	22.7	3.25	37.8	3.32	37.50	-2.11	0.80	±5	2024/12/15
750	Head	22.8	0.905	42.7	0.89	41.90	1.69	1.91	±5	2024/12/16
835	Head	22.6	0.924	41.4	0.90	41.50	2.67	-0.24	±5	2024/12/17
1750	Head	22.6	1.35	40.1	1.37	40.10	-1.46	0.00	±5	2024/12/18
1900	Head	22.7	1.43	39.8	1.40	40.00	2.14	-0.50	±5	2024/12/19
2300	Head	22.9	1.72	38.8	1.67	39.50	2.99	-1.77	±5	2024/12/19
2600	Head	22.7	1.96	40.4	1.96	39.00	0.00	3.59	±5	2024/12/20
3500	Head	22.8	2.88	38.5	2.91	37.90	-1.03	1.58	±5	2024/12/21
3700	Head	22.8	3.08	38.0	3.12	37.70	-1.28	0.80	±5	2024/12/22
3900	Head	22.8	3.28	37.6	3.32	37.50	-1.20	0.27	±5	2024/12/23
2450	Head	22.8	1.86	38.5	1.80	39.20	3.33	-1.79	±5	2024/12/24
5250	Head	22.6	4.73	36.0	4.71	35.90	0.42	0.28	±5	2024/12/25
5600	Head	22.6	5.15	35.3	5.07	35.50	1.58	-0.56	±5	2024/12/26
5750	Head	22.6	5.32	35.0	5.22	35.40	1.92	-1.13	±5	2024/12/27
750	Head	22.7	0.926	42.4	0.89	41.90	4.04	1.19	±5	2025/2/6
835	Head	22.7	0.935	42.1	0.90	41.50	3.89	1.45	±5	2025/1/24
1750	Head	22.7	1.38	40.3	1.37	40.10	0.73	0.50	±5	2025/2/6
2300	Head	22.8	1.71	39.5	1.67	39.50	2.40	0.00	±5	2025/2/6
2600	Head	22.8	1.94	39.1	1.96	39.00	-1.02	0.26	±5	2025/2/6
3900	Head	22.6	3.25	37.8	3.32	37.50	-2.11	0.80	±5	2025/2/6

12.3 System Performance Check Results

Comparing to the original SAR value provided by SPEAG, the verification data should be within its specification of 10 %. Below table shows the target SAR and measured SAR after normalized to 1W input power. The table below indicates the system performance check can meet the variation criterion and the plots can be referred to Appendix A of this report.

<1g SAR>

Date	Frequency (MHz)	Tissue Type	Input Power (mW)	Dipole S/N	Probe S/N	DAE S/N	Measured 1g SAR (W/kg)	Targeted 1g SAR (W/kg)	Normalized 1g SAR (W/kg)	Deviation (%)
2024/12/8	750	Head	50	1087	7774	1358	0.439	8.58	8.78	2.33
2024/12/9	835	Head	50	4d298	7774	1358	0.525	9.89	10.5	6.17
2024/12/10	1750	Head	50	1090	7774	1358	1.98	37.00	39.6	7.03
2024/12/11	1900	Head	50	5d118	7774	1358	2.00	39.30	40	1.78
2024/12/11	2300	Head	50	1055	7774	1358	2.39	48.40	47.8	-1.24
2024/12/12	2600	Head	50	1112	7774	1358	2.78	55.10	55.6	0.91
2024/12/13	3500	Head	50	1037	7774	1358	3.26	65.40	65.2	-0.31
2024/12/14	3700	Head	50	1008	7774	1358	3.46	67.20	69.2	2.98
2024/12/15	3900	Head	50	1048	7774	1358	3.53	69.10	70.6	2.17
2024/12/17	750	Head	50	1087	7774	1358	0.446	8.58	8.92	3.96
2024/12/18	835	Head	50	4d298	7774	1358	0.520	9.89	10.4	5.16
2024/12/19	1750	Head	50	1090	7774	1358	1.93	37.00	38.6	4.32
2024/12/20	1900	Head	50	5d118	7774	1358	1.98	39.30	39.6	0.76
2024/12/20	2300	Head	50	1055	7774	1358	2.47	48.40	49.4	2.07
2024/12/21	2600	Head	50	1112	7774	1358	2.75	55.10	55	-0.18
2024/12/22	3500	Head	50	1037	7774	1358	3.27	65.40	65.4	0.00
2024/12/23	3700	Head	50	1008	7774	1358	3.54	67.20	70.8	5.36
2024/12/24	3900	Head	50	1048	7774	1358	3.50	69.10	70	1.30
2024/12/26	2450	Head	50	1095	7774	1358	2.68	52.60	53.6	1.90
2024/12/27	5250	Head	50	1113	7774	1358	4.21	81.50	84.2	3.31
2024/12/28	5600	Head	50	1113	7774	1358	4.39	82.60	87.8	6.30
2024/12/29	5750	Head	50	1113	7774	1358	4.18	80.80	83.6	3.47
2024/12/8	750	Head	50	1087	7706	1649	0.399	8.58	7.98	-6.99
2024/12/9	835	Head	50	4d298	7706	1649	0.457	9.89	9.14	-7.58
2024/12/10	1750	Head	50	1090	7706	1649	1.950	37.00	39	5.41
2024/12/11	1900	Head	50	5d118	7706	1649	1.830	39.30	36.6	-6.87
2024/12/11	2300	Head	50	1055	7706	1649	2.410	48.40	48.2	-0.41
2024/12/12	2600	Head	50	1112	7706	1649	2.620	55.10	52.4	-4.90
2024/12/13	3500	Head	50	1037	7706	1649	3.120	65.40	62.4	-4.59
2024/12/14	3700	Head	50	1008	7706	1649	3.110	67.20	62.2	-7.44
2024/12/15	3900	Head	50	1048	7706	1649	3.180	69.10	63.6	-7.96
2024/12/16	750	Head	50	1087	7706	1649	0.447	8.58	8.94	4.20
2024/12/17	835	Head	50	4d298	7706	1649	0.460	9.89	9.2	-6.98
2024/12/18	1750	Head	50	1090	7706	1649	1.990	37.00	39.8	7.57
2024/12/19	1900	Head	50	5d118	7706	1649	1.910	39.30	38.2	-2.80
2024/12/19	2300	Head	50	1055	7706	1649	2.430	48.40	48.6	0.41
2024/12/20	2600	Head	50	1112	7706	1649	2.670	55.10	53.4	-3.09
2024/12/21	3500	Head	50	1037	7706	1649	3.030	65.40	60.6	-7.34
2024/12/22	3700	Head	50	1008	7706	1649	3.120	67.20	62.4	-7.14
2024/12/23	3900	Head	50	1048	7706	1649	3.220	69.10	64.4	-6.80
2024/12/24	2450	Head	50	1095	7706	1649	2.610	52.60	52.2	-0.76
2024/12/25	5250	Head	50	1113	7706	1649	3.880	81.50	77.6	-4.79
2024/12/26	5600	Head	50	1113	7706	1649	4.040	82.60	80.8	-2.18
2024/12/27	5750	Head	50	1113	7706	1649	4.100	80.80	82	1.49

2025/2/6	750	Head	50	1087	7774	1358	0.399	8.58	7.98	-6.99
2025/1/24	835	Head	50	4d298	7774	1358	0.457	9.89	9.14	-7.58
2025/2/6	1750	Head	50	1090	7774	1358	1.95	37.00	39	5.41
2025/2/6	2300	Head	50	1055	7774	1358	2.41	48.40	48.2	-0.41
2025/2/6	2600	Head	50	1112	7774	1358	2.62	55.10	52.4	-4.90
2025/2/6	3900	Head	50	1048	7774	1358	3.18	69.10	63.6	-7.96

<10g SAR>

Date	Frequency (MHz)	Tissue Type	Input Power (mW)	Dipole S/N	Probe S/N	DAE S/N	Measured 10g SAR (W/kg)	Targeted 10g SAR (W/kg)	Normalized 10g SAR (W/kg)	Deviation (%)
2024/12/8	750	Head	50	1087	7774	1358	0.299	5.65	5.98	5.84
2024/12/9	835	Head	50	4d298	7774	1358	0.342	6.45	6.84	6.05
2024/12/10	1750	Head	50	1090	7774	1358	1.05	19.50	21	7.69
2024/12/11	1900	Head	50	5d118	7774	1358	1.08	20.40	21.6	5.88
2024/12/11	2300	Head	50	1055	7774	1358	1.20	23.70	24	1.27
2024/12/12	2600	Head	50	1112	7774	1358	1.30	24.80	26	4.84
2024/12/13	3500	Head	50	1037	7774	1358	1.31	24.70	26.2	6.07
2024/12/14	3700	Head	50	1008	7774	1358	1.27	24.40	25.4	4.10
2024/12/15	3900	Head	50	1048	7774	1358	1.30	24.10	26	7.88
2024/12/17	750	Head	50	1087	7774	1358	0.297	5.65	5.94	5.13
2024/12/18	835	Head	50	4d298	7774	1358	0.337	6.45	6.74	4.50
2024/12/19	1750	Head	50	1090	7774	1358	1.02	19.50	20.4	4.62
2024/12/20	1900	Head	50	5d118	7774	1358	1.07	20.40	21.4	4.90
2024/12/20	2300	Head	50	1055	7774	1358	1.23	23.70	24.6	3.80
2024/12/21	2600	Head	50	1112	7774	1358	1.29	24.80	25.8	4.03
2024/12/22	3500	Head	50	1037	7774	1358	1.32	24.70	26.4	6.88
2024/12/23	3700	Head	50	1008	7774	1358	1.31	24.40	26.2	7.38
2024/12/24	3900	Head	50	1048	7774	1358	1.29	24.10	25.8	7.05
2024/12/26	2450	Head	50	1095	7774	1358	1.29	24.70	25.8	4.45
2024/12/27	5250	Head	50	1113	7774	1358	1.21	23.30	24.2	3.86
2024/12/28	5600	Head	50	1113	7774	1358	1.22	23.70	24.4	2.95
2024/12/29	5750	Head	50	1113	7774	1358	1.21	23.00	24.2	5.22
2024/12/8	750	Head	50	1087	7706	1649	0.273	5.65	5.46	-3.36
2024/12/9	835	Head	50	4d298	7706	1649	0.303	6.45	6.06	-6.05
2024/12/10	1750	Head	50	1090	7706	1649	1.010	19.50	20.2	3.59
2024/12/11	1900	Head	50	5d118	7706	1649	0.960	20.40	19.2	-5.88
2024/12/11	2300	Head	50	1055	7706	1649	1.150	23.70	23	-2.95
2024/12/12	2600	Head	50	1112	7706	1649	1.220	24.80	24.4	-1.61
2024/12/13	3500	Head	50	1037	7706	1649	1.250	24.70	25	1.21
2024/12/14	3700	Head	50	1008	7706	1649	1.210	24.40	24.2	-0.82
2024/12/15	3900	Head	50	1048	7706	1649	1.190	24.10	23.8	-1.24
2024/12/16	750	Head	50	1087	7706	1649	0.302	5.65	6.04	6.90
2024/12/17	835	Head	50	4d298	7706	1649	0.305	6.45	6.1	-5.43
2024/12/18	1750	Head	50	1090	7706	1649	1.010	19.50	20.2	3.59
2024/12/19	1900	Head	50	5d118	7706	1649	0.947	20.40	18.94	-7.16
2024/12/19	2300	Head	50	1055	7706	1649	1.160	23.70	23.2	-2.11
2024/12/20	2600	Head	50	1112	7706	1649	1.240	24.80	24.8	0.00
2024/12/21	3500	Head	50	1037	7706	1649	1.180	24.70	23.6	-4.45
2024/12/22	3700	Head	50	1008	7706	1649	1.250	24.40	25	2.46
2024/12/23	3900	Head	50	1048	7706	1649	1.220	24.10	24.4	1.24
2024/12/24	2450	Head	50	1095	7706	1649	1.260	24.70	25.2	2.02
2024/12/25	5250	Head	50	1113	7706	1649	1.250	23.30	25	7.30
2024/12/26	5600	Head	50	1113	7706	1649	1.150	23.70	23	-2.95

2024/12/27	5750	Head	50	1113	7706	1649	1.210	23.00	24.2	5.22
2025/2/6	750	Head	50	1087	7774	1358	0.273	5.65	5.46	-3.36
2025/1/24	835	Head	50	4d298	7774	1358	0.303	6.45	6.06	-6.05
2025/2/6	1750	Head	50	1090	7774	1358	1.01	19.50	20.2	3.59
2025/2/6	2300	Head	50	1055	7774	1358	1.15	23.70	23	-2.95
2025/2/6	2600	Head	50	1112	7774	1358	1.22	24.80	24.4	-1.61
2025/2/6	3900	Head	50	1048	7774	1358	1.19	24.10	23.8	-1.24

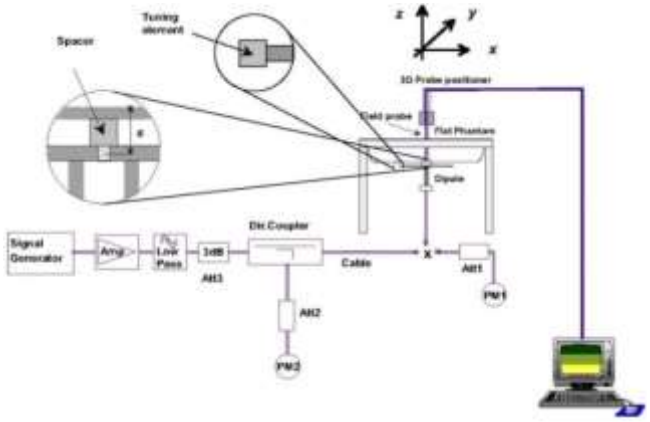


Fig 11.3.1 System Performance Check Setup

Fig 11.3.2 Setup Photo

13. RF Exposure Positions

13.1 Ear and handset reference point

Figure 12.1.1 shows the front, back, and side views of the SAM phantom. The center-of-mouth reference point is labeled “M,” the left ear reference point (ERP) is marked “LE,” and the right ERP is marked “RE.” Each ERP is 15 mm along the B-M (back-mouth) line behind the entrance-to-ear-canal (EEC) point, as shown in Figure 12.1.2 The Reference Plane is defined as passing through the two ear reference points and point M. The line N-F (neck-front), also called the reference pivoting line, is normal to the Reference Plane and perpendicular to both a line passing through RE and LE and the B-M line (see Figure 12.1.3). Both N-F and B-M lines should be marked on the exterior of the phantom shell to facilitate handset positioning. Posterior to the N-F line the ear shape is a flat surface with 6 mm thickness at each ERP, and forward of the N-F line the ear is truncated, as illustrated in Figure 12.1.2. The ear truncation is introduced to preclude the ear lobe from interfering with handset tilt, which could lead to unstable positioning at the cheek.

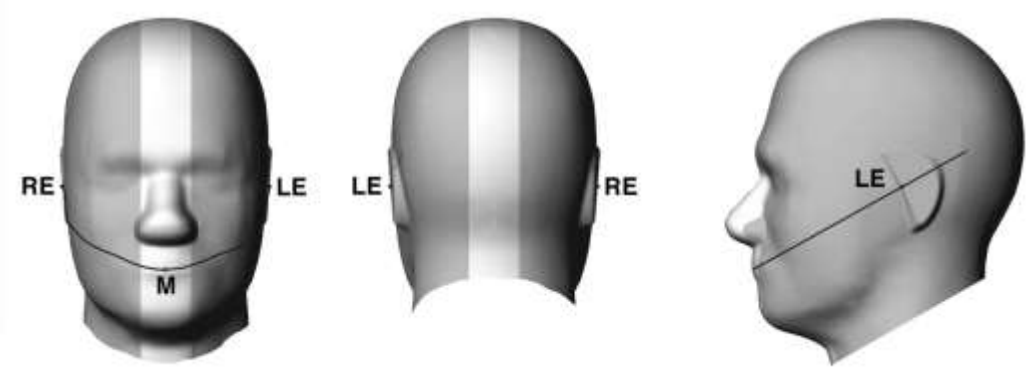


Fig 12.1.1 Front, back, and side views of SAM twin phantom

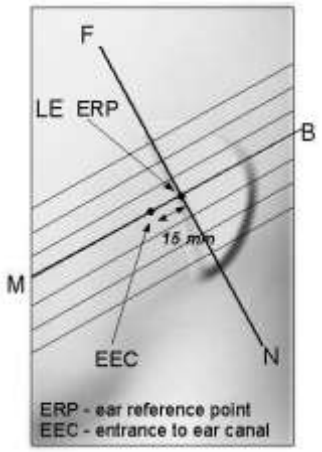


Fig 12.1.2 Close-up side view of phantom showing the ear region.

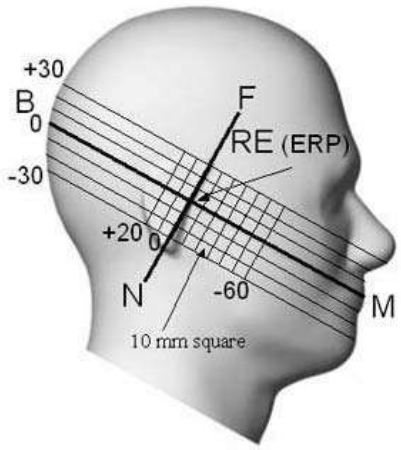


Fig 12.1.3 Side view of the phantom showing relevant markings and seven cross-sectional plane locations

13.2 Definition of the cheek position

1. Ready the handset for talk operation, if necessary. For example, for handsets with a cover piece (flip cover), open the cover. If the handset can transmit with the cover closed, both configurations must be tested.
2. Define two imaginary lines on the handset—the vertical centerline and the horizontal line. The vertical centerline passes through two points on the front side of the handset—the midpoint of the width wt of the handset at the level of the acoustic output (point A in Figure 12.2.1 and Figure 12.2.2), and the midpoint of the width wb of the bottom of the handset (point B). The horizontal line is perpendicular to the vertical centerline and passes through the center of the acoustic output (see Figure 12.2.1). The two lines intersect at point A. Note that for many handsets, point A coincides with the center of the acoustic output; however, the acoustic output may be located elsewhere on the horizontal line. Also note that the vertical centerline is not necessarily parallel to the front face of the handset (see Figure 12.2.2), especially for clamshell handsets, handsets with flip covers, and other irregularly-shaped handsets.
3. Position the handset close to the surface of the phantom such that point A is on the (virtual) extension of the line passing through points RE and LE on the phantom (see Figure 12.2.3), such that the plane defined by the vertical centerline and the horizontal line of the handset is approximately parallel to the sagittal plane of the phantom.
4. Translate the handset towards the phantom along the line passing through RE and LE until handset point A touches the pinna at the ERP.
5. While maintaining the handset in this plane, rotate it around the LE-RE line until the vertical centerline is in the plane normal to the plane containing B-M and N-F lines, i.e., the Reference Plane.
6. Rotate the handset around the vertical centerline until the handset (horizontal line) is parallel to the N-F line.
7. While maintaining the vertical centerline in the Reference Plane, keeping point A on the line passing through RE and LE, and maintaining the handset contact with the pinna, rotate the handset about the N-F line until any point on the handset is in contact with a phantom point below the pinna on the cheek. See Figure 12.2.3. The actual rotation angles should be documented in the test report.

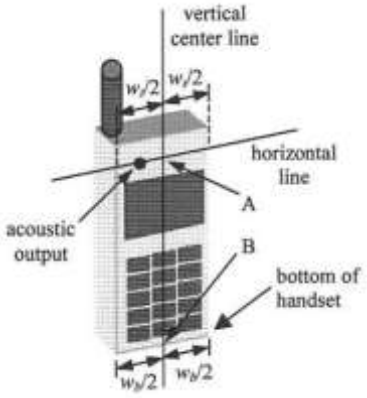


Fig 12.2.1 Handset vertical and horizontal reference lines—"fixed case

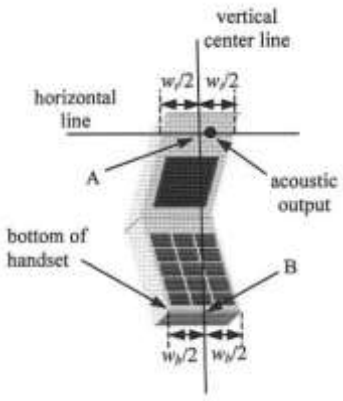


Fig 12.2.2 Handset vertical and horizontal reference lines—"clam-shell case"

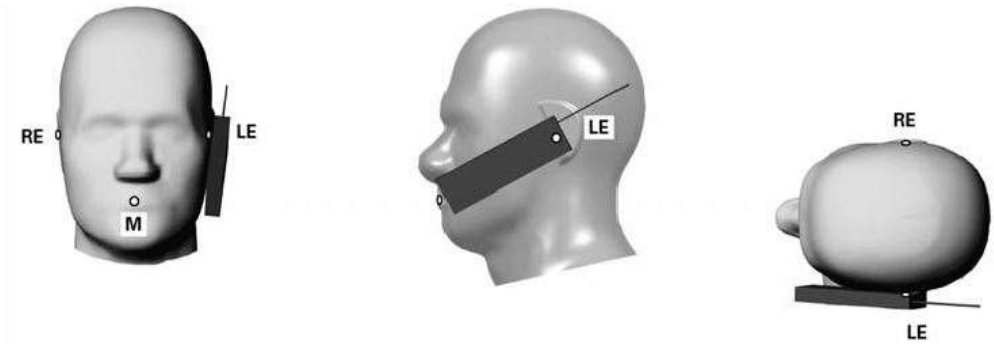


Fig 12.2.3 cheek or touch position. The reference points for the right ear (RE), left ear (LE), and mouth (M), which establish the Reference Plane for handset positioning, are indicated.

13.3 Definition of the tilt position

1. Ready the handset for talk operation, if necessary. For example, for handsets with a cover piece (flip cover), open the cover. If the handset can transmit with the cover closed, both configurations must be tested.
2. While maintaining the orientation of the handset, move the handset away from the pinna along the line passing through RE and LE far enough to allow a rotation of the handset away from the cheek by 15°.
3. Rotate the handset around the horizontal line by 15°.
4. While maintaining the orientation of the handset, move the handset towards the phantom on the line passing through RE and LE until any part of the handset touches the ear. The tilt position is obtained when the contact point is on the pinna. See Figure 12.3.1. If contact occurs at any location other than the pinna, e.g., the antenna at the back of the phantom head, the angle of the handset should be reduced. In this case, the tilt position is obtained if any point on the handset is in contact with the pinna and a second point

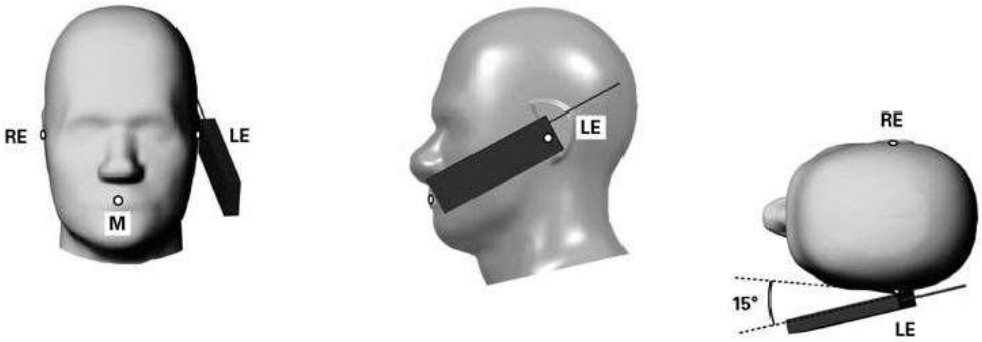


Fig 12.3.1 Tilt position. The reference points for the right ear (RE), left ear (LE), and mouth (M), which define the Reference Plane for handset positioning, are indicated.

13.4 Body Worn Accessory

Body-worn operating configurations are tested with the belt-clips and holsters attached to the device and positioned against a flat phantom in a normal use configuration (see Figure 11.4). Per KDB648474 D04v01r03, body-worn accessory exposure is typically related to voice mode operations when handsets are carried in body-worn accessories. The body-worn accessory procedures in FCC KDB 447498 D01v06 should be used to test for body-worn accessory SAR compliance, without a headset connected to it. This enables the test results for such configuration to be compatible with that required for hotspot mode when the body-worn accessory test separation distance is greater than or equal to that required for hotspot mode, when applicable. When the reported SAR for body-worn accessory, measured without a headset connected to the handset is > 1.2 W/kg, the highest reported SAR configuration for that wireless mode and frequency band should be repeated for that body-worn accessory with a handset attached to the handset.

Accessories for body-worn operation configurations are divided into two categories: those that do not contain metallic components and those that do contain metallic components. When multiple accessories that do not contain metallic components are supplied with the device, the device is tested with only the accessory that dictates the closest spacing to the body. Then multiple accessories that contain metallic components are test with the device with each accessory. If multiple accessories share an identical metallic component (i.e. the same metallic belt-chip used with different holsters with no other metallic components) only the accessory that dictates the closest spacing to the body is tested.

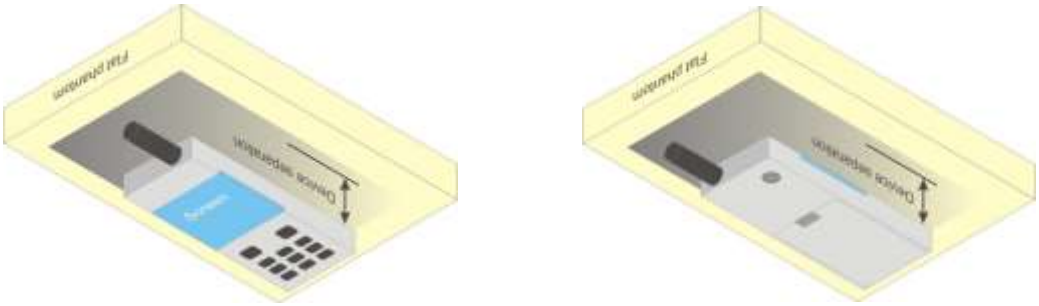


Fig 12.4 Body Worn Position

13.5 Product Specific 10g SAR Exposure

For smart phones with a display diagonal dimension > 15.0 cm or an overall diagonal dimension > 16.0 cm, that can provide similar mobile web access and multimedia support found in mini-tablets or UMPC mini-tablets and support voice calls next to the ear, According to KDB648474 D04v01r03, the following phablet procedures should be applied to evaluate SAR compliance for each applicable wireless modes and frequency band. Devices marketed as phablets, regardless of form factors and operating characteristics must be tested as a phablet to determine SAR compliance

1. The normally required head and body-worn accessory SAR test procedures for handsets, including hotspot mode, must be applied.

2. The UMPC mini-tablet procedures must also be applied to test the SAR of all surfaces and edges with an antenna located at ≤ 25 mm from that surface or edge, in direct contact with a flat phantom, for 10-g extremity SAR according to the body-equivalent tissue dielectric parameters in KDB 865664 to address interactive hand use exposure conditions.6 The UMPC mini-tablet 1-g SAR at 5 mm is not required. When hotspot mode applies, 10-g extremity SAR is required only for the surfaces and edges with hotspot mode 1-g reported SAR > 1.2 W/kg.

13.6 Wireless Router

Some battery-operated handsets have the capability to transmit and receive user through simultaneous transmission of WIFI simultaneously with a separate licensed transmitter. The FCC has provided guidance in FCC KDB Publication 941225 D06 v02r01 where SAR test considerations for handsets (L x W ≥ 9 cm x 5 cm) are based on a composite test separation distance of 10mm from the front, back and edges of the device containing transmitting antennas within 2.5cm of their edges, determined form general mixed use conditions for this type of devices. Since the hotspot SAR results may overlap with the body-worn accessory SAR requirements, the more conservative configurations can be considered, thus excluding some body-worn accessory SAR tests.

When the user enables the personal wireless router functions for the handset, actual operations include simultaneous transmission of both the WIFI transmitter and another licensed transmitter. Both transmitters often do not transmit at the same transmitting frequency and thus cannot be evaluated for SAR under actual use conditions due to the limitations of the SAR assessment probes. Therefore, SAR must be evaluated for each frequency transmission and mode separately and spatially summed with the WIFI transmitter according to FCC KDB Publication 447498 D01v06 publication procedures. The “Portable Hotspot” feature on the handset was NOT activated during SAR assessments, to ensure the SAR measurements were evaluated for a single transmission frequency RF signal at a time.

14. Conducted RF Output Power (Unit: dBm)

The detailed conducted power table can refer to Appendix E.

<GSM Conducted Power>

1. Per KDB 447498 D01v06, the maximum output power channel is used for SAR testing and for further SAR test reduction.
2. Per KDB 941225 D01v03r01, for SAR test reduction for GSM / GPRS / EDGE modes is determined by the source-based time-averaged output power including tune-up tolerance. The mode with highest specified time-averaged output power should be tested for SAR compliance in the applicable exposure conditions. For modes with the same specified maximum output power and tolerance, the higher number time-slot configuration should be tested.
3. Other configurations of GSM / GPRS / EDGE are considered as secondary modes. The 3G SAR test reduction procedure is applied, when the maximum output power and tune-up tolerance specified for production units in a secondary mode is ≤ ¼ dB higher than the primary mode, SAR measurement is not required for the secondary mode.

<WCDMA Conducted Power>

1. The following tests were conducted according to the test requirements outlines in 3GPP TS 34.121 specification.
2. The procedures in KDB 941225 D01v03r01 are applied for 3GPP Rel. 6 HSPA to configure the device in the required sub-test mode(s) to determine SAR test exclusion.
3. For DC-HSDPA, the device was configured according to the H-Set 12, Fixed Reference Channel (FRC) configuration in Table C.8.1.12 of 3GPP TS 34.121-1, with the primary and the secondary serving HS-DSCH Cell enabled during the power measurement.

A summary of these settings are illustrated below:

HSDPA Setup Configuration:

a. The EUT was connected to Base Station Agilent E5515C referred to the Setup Configuration.
b. The RF path losses were compensated into the measurements.
c. A call was established between EUT and Base Station with following setting:
   i. Set Gain Factors (β_c and β_d) and parameters were set according to each
   ii. Specific sub-test in the following table, C10.1.4, quoted from the TS 34.121
   iii. Set RMC 12.2Kbps + HSDPA mode.
   iv. Set Cell Power = -86 dBm
   v. Set HS-DSCH Configuration Type to FRC (H-set 1, QPSK)
   vi. Select HSDPA Uplink Parameters
   vii. Set Delta ACK, Delta NACK and Delta CQI = 8
   viii. Set Ack-Nack Repetition Factor to 3
   ix. Set CQI Feedback Cycle (k) to 4 ms
   x. Set CQI Repetition Factor to 2
   xi. Power Ctrl Mode = All Up bits
d. The transmitted maximum output power was recorded.

Table C.10.1.4: β values for transmitter characteristics tests with HS-DPCCH

Sub-test	β_c	β_d	β_d *(SF)*	β_c/β_d	β_{HS} *(Note1, Note 2)*	CM (dB) *(Note 3)*	MPR (dB) *(Note 3)*
1	2/15	15/15	64	2/15	4/15	0.0	0.0
2	12/15 *(Note 4)*	15/15 *(Note 4)*	64	12/15 *(Note 4)*	24/15	1.0	0.0
3	15/15	8/15	64	15/8	30/15	1.5	0.5
4	15/15	4/15	64	15/4	30/15	1.5	0.5

Note 1: Δ_{ACK}, Δ_{NACK} and Δ_{CQI} = 30/15 with β_{hs} = 30/15 * β_c.

Note 2: For the HS-DPCCH power mask requirement test in clause 5.2C, 5.7A, and the Error Vector Magnitude (EVM) with HS-DPCCH test in clause 5.13.1A, and HSDPA EVM with phase discontinuity in clause 5.13.1AA, Δ_{ACK} and Δ_{NACK} = 30/15 with β_{hs} = 30/15 * β_c, and Δ_{CQI} = 24/15 with β_{hs} = 24/15 * β_c.

Note 3: CM = 1 for β_c/β_d =12/15, β_{hs}/β_c=24/15. For all other combinations of DPDCH, DPCCH and HS-DPCCH the MPR is based on the relative CM difference. This is applicable for only UEs that support HSDPA in release 6 and later releases.

Note 4: For subtest 2 the β_c/β_d ratio of 12/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signalled gain factors for the reference TFC (TF1, TF1) to β_c = 11/15 and β_d = 15/15.

Setup Configuration

HSUPA Setup Configuration:

a. The EUT was connected to Base Station Agilent E5515C referred to the Setup Configuration.
b. The RF path losses were compensated into the measurements.
c. A call was established between EUT and Base Station with following setting * :
   i. Call Configs = 5.2B, 5.9B, 5.10B, and 5.13.2B with QPSK
   ii. Set the Gain Factors (β_c and β_d) and parameters (AG Index) were set according to each specific sub-test in the following table, C11.1.3, quoted from the TS 34.121
   iii. Set Cell Power = -86 dBm
   iv. Set Channel Type = 12.2k + HSPA
   v. Set UE Target Power
   vi. Power Ctrl Mode= Alternating bits
   vii. Set and observe the E-TFCI
   viii. Confirm that E-TFCI is equal to the target E-TFCI of 75 for sub-test 1, and other subtest's E-TFCI
d. The transmitted maximum output power was recorded.

Table C.11.1.3: β values for transmitter characteristics tests with HS-DPCCH and E-DCH

Sub-test	β_c	β_d	β_d (SF)	β_c/β_d	β_{HS} (Note1)	β_{ec}	β_{ed} (Note 4) (Note 5)	β_{ed} (SF)	β_{ed} (Codes)	CM (dB) (Note 2)	MPR (dB) (Note 2) (Note 6)	AG Index (Note 5)	E-TFCI
1	11/15 (Note 3)	15/15 (Note 3)	64	11/15 (Note 3)	22/15	209/225	1309/225	4	1	1.0	0.0	20	75
2	6/15	15/15	64	6/15	12/15	12/15	94/75	4	1	3.0	2.0	12	67
3	15/15	9/15	64	15/9	30/15	30/15	$\beta_{ed}1$: 47/15 $\beta_{ed}2$: 47/15	4 4	2	2.0	1.0	15	92
4	2/15	15/15	64	2/15	4/15	2/15	56/75	4	1	3.0	2.0	17	71
5	15/15	0	-	-	5/15	5/15	47/15	4	1	1.0	0.0	12	67

Note 1: For sub-test 1 to 4, Δ_{ACK}, Δ_{NACK} and Δ_{CQI} = 30/15 with β_{hs} = 30/15 * β_c. For sub-test 5, Δ_{ACK}, Δ_{NACK} and Δ_{CQI} = 5/15 with β_{hs} = 5/15 * β_c.

Note 2: CM = 1 for β_c/β_d =12/15, β_{hs}/β_c=24/15. For all other combinations of DPDCH, DPCCH, HS- DPCCH, E-DPDCH and E-DPCCH the MPR is based on the relative CM difference.

Note 3: For subtest 1 the β_c/β_d ratio of 11/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signalled gain factors for the reference TFC (TF1, TF1) to β_c = 10/15 and β_d = 15/15.

Note 4: In case of testing by UE using E-DPDCH Physical Layer category 1, Sub-test 3 is omitted according to TS25.306 Table 5.1g.

Note 5: β_{ed} can not be set directly; it is set by Absolute Grant Value.

Note 6: For subtests 2, 3 and 4, UE may perform E-DPDCH power scaling at max power which could results in slightly smaller MPR values.

Setup Configuration

DC-HSDPA 3GPP release 8 Setup Configuration:

a. The EUT was connected to Base Station Agilent E5515C referred to the Setup Configuration below
b. The RF path losses were compensated into the measurements.
c. A call was established between EUT and Base Station with following setting:
   i. Set RMC 12.2Kbps + HSDPA mode.
   ii. Set Cell Power = -25 dBm
   iii. Set HS-DSCH Configuration Type to FRC (H-set 12, QPSK)
   iv. Select HSDPA Uplink Parameters
   v. Set Gain Factors (β_c and β_d) and parameters were set according to each Specific sub-test in the following table, C10.1.4, quoted from the TS 34.121
      a). Subtest 1: β_c/β_d=2/15
      b). Subtest 2: β_c/β_d=12/15
      c). Subtest 3: β_c/β_d=15/8
      d). Subtest 4: β_c/β_d=15/4
   vi. Set Delta ACK, Delta NACK and Delta CQI = 8
   vii. Set Ack-Nack Repetition Factor to 3
   viii. Set CQI Feedback Cycle (k) to 4 ms
   ix. Set CQI Repetition Factor to 2
   x. Power Ctrl Mode = All Up bits
d. The transmitted maximum output power was recorded.

The following tests were conducted according to the test requirements outlines in 3GPP TS 34.121 specification.
A summary of these settings are illustrated below:

C.8.1.12 Fixed Reference Channel Definition H-Set 12

Table C.8.1.12: Fixed Reference Channel H-Set 12

Parameter	Unit	Value
Nominal Avg. Inf. Bit Rate	kbps	60
Inter-TTI Distance	TTI's	1
Number of HARQ Processes	Proces ses	6
Information Bit Payload (N_{INF})	Bits	120
Number Code Blocks	Blocks	1
Binary Channel Bits Per TTI	Bits	960
Total Available SML's in UE	SML's	19200
Number of SML's per HARQ Proc	SML's	3200
Coding Rate		0.15
Number of Physical Channel Codes	Codes	1
Modulation		QPSK
Note 1: The RMC is intended to be used for DC-HSDPA mode and both cells shall transmit with identical parameters as listed in the table. Note 2: Maximum number of transmission is limited to 1, i.e., retransmission is not allowed. The redundancy and constellation version 0 shall be used.		

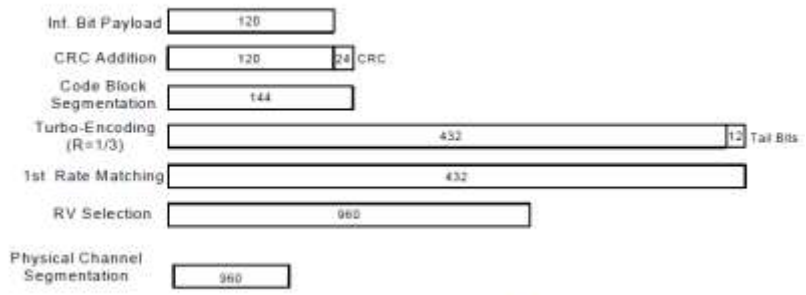


Figure C.8.19: Coding rate for Fixed reference Channel H-Set 12 (QPSK)

Setup Configuration

<WCDMA Conducted Power>

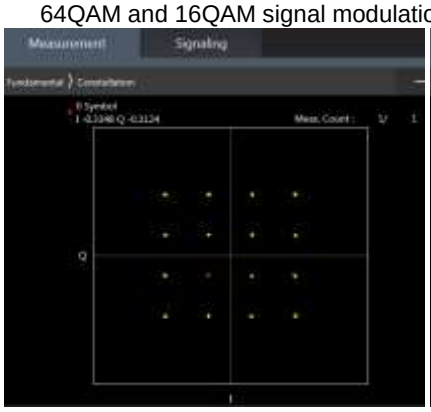
General Note:

1. Per KDB 941225 D01v03r01, for SAR testing is measured using a 12.2 kbps RMC with TPC bits configured to all "1's".
2. Per KDB 941225 D01v03r01, RMC 12.2kbps setting is used to evaluate SAR. The maximum output power and tune-up tolerance specified for production units in HSDPA / HSUPA / DC-HSDPA is ≤ ¼ dB higher than RMC 12.2Kbps or when the highest reported SAR of the RMC12.2Kbps is scaled by the ratio of specified maximum output power and tune-up tolerance of HSDPA / HSUPA / DC-HSDPA to RMC12.2Kbps and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for HSDPA / HSUPA / DC-HSDPA, and according to the following RF output power, the output power results of the secondary modes (HSDPA / HSUPA / DC-HSDPA) are less than ¼ dB higher than the primary modes; therefore, SAR measurement is not required for HSDPA / HSUPA / DC-HSDPA.

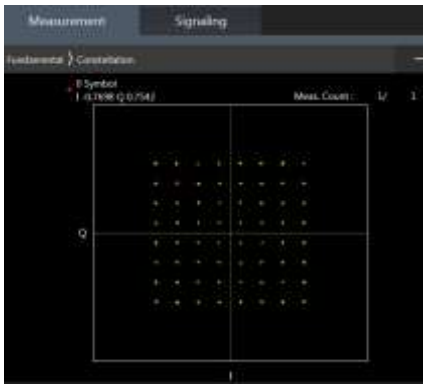
<LTE Conducted Power>

General Note:

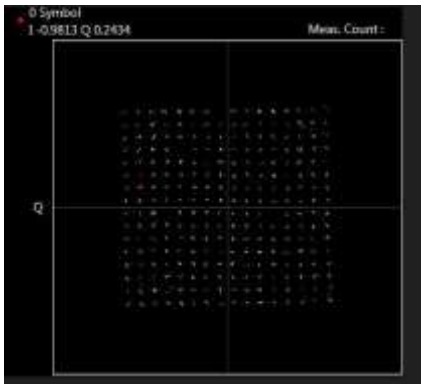
1. Anritsu MT8820C base station simulator was used to setup the connection with EUT; the frequency band, channel bandwidth, RB allocation configuration, modulation type are set in the base station simulator to configure EUT transmitting at maximum power and at different configurations which are requested to be reported to FCC, for conducted power measurement and SAR testing.
2. Per KDB 941225 D05v02r05, when a properly configured base station simulator is used for the SAR and power measurements, spectrum plots for each RB allocation and offset configuration is not required.
3. Per KDB 941225 D05v02r05, start with the largest channel bandwidth and measure SAR for QPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel.
4. Per KDB 941225 D05v02r05, 50% RB allocation for QPSK SAR testing follows 1RB QPSK allocation procedure.
5. Per KDB 941225 D05v02r05, for QPSK with 100% RB allocation, SAR is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be tested.
6. Per KDB 941225 D05v02r05, 16QAM/64QAM/256QAM output power for each RB allocation configuration is > not ½ dB higher than the same configuration in QPSK and the reported SAR for the QPSK configuration is ≤ 1.45 W/kg; Per KDB 941225 D05v02r05, 16QAM/64QAM/256QAM SAR testing is not required.
7. Per KDB 941225 D05v02r05, smaller bandwidth output power for each RB allocation configuration is > not ½ dB higher than the same configuration in the largest supported bandwidth, and the reported SAR for the largest supported bandwidth is ≤ 1.45 W/kg; Per KDB 941225 D05v02r05, smaller bandwidth SAR testing is not required.
8. For LTE B4 / B5 / B12 / B17 / B26 / B38 /B71 the maximum bandwidth does not support three non-overlapping channels, per KDB 941225 D05v02r05, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.
9. LTE B2 / B4 / B5 / B17 / B38/B42(3550MHz~3600 MHz)/ B43 SAR test was covered by B25 / B66 / B26 / B12 / B41/ B48; according to April 2015 TCB workshop, SAR test for overlapping LTE bands can be reduced if
   a. the maximum output power, including tolerance, for the smaller band is ≤ the larger band to qualify for the SAR test exclusion
   b. the channel bandwidth and other operating parameters for the smaller band are fully supported by the larger band
10. According to May 2017 TCB workshop, for 16QAM and 64QAM, 256QAM should be verified by checking the signal constellation with a call box to avoid incorrect maximum power levels due to MPR and other requirements associated with signal modulation, and the following figure is taken from the "Fundamental Measurement >> Modulation Analysis >> constellation" mode of the device connect to the MT8821C base station, therefore, the device 256QAM, 64QAM and 16QAM signal modulation are correct.



16QAM



64QAM



256QAM

<TDD LTE SAR Measurement>

TDD LTE configuration setup for SAR measurement

SAR was tested with a fixed periodic duty factor according to the highest transmission duty factor implemented for the device and supported by 3GPP.

a. 3GPP TS 36.211 section 4.2 for Type 2 Frame Structure and Table 4.2-2 for uplink-downlink configurations
b. "special subframe S" contains both uplink and downlink transmissions, it has been taken into consideration to determine the transmission duty factor according to the worst case uplink and downlink cyclic prefix requirements for UpPTS
c. Establishing connections with base station simulators ensure a consistent means for testing SAR and recommended for evaluating SAR. The Anritsu MT8820C (firmware: #22.52#004) was used for LTE output power measurements and SAR testing.

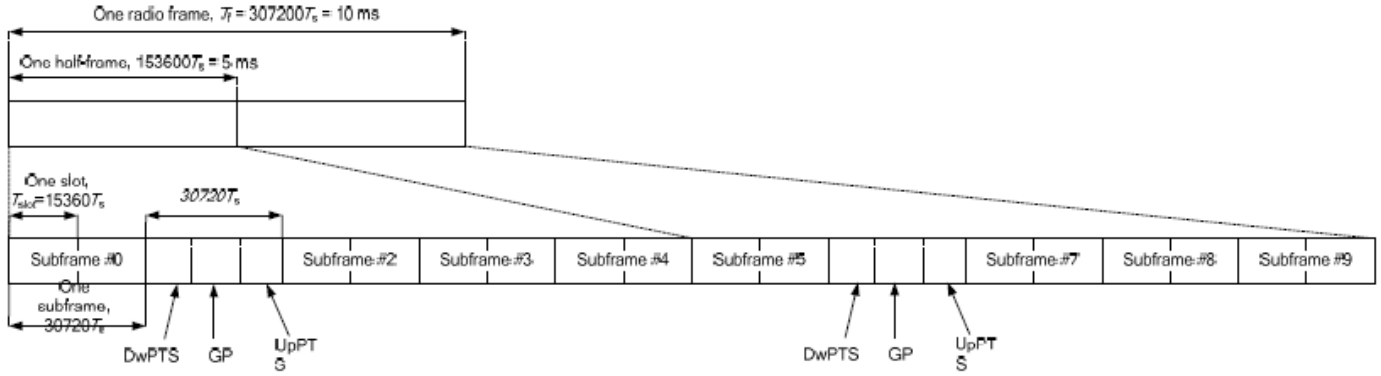


Figure 4.2-1: Frame structure type 2 (for 5 ms switch-point periodicity).

Table 4.2-2: Uplink-downlink configurations.

Uplink-downlink configuration	Downlink-to-Uplink Switch-point periodicity	Subframe number									
		0	1	2	3	4	5	6	7	8	9
0	5 ms	D	S	U	U	U	D	S	U	U	U
1	5 ms	D	S	U	U	D	D	S	U	U	D
2	5 ms	D	S	U	D	D	D	S	U	D	D
3	10 ms	D	S	U	U	U	D	D	D	D	D
4	10 ms	D	S	U	U	D	D	D	D	D	D
5	10 ms	D	S	U	D	D	D	D	D	D	D
6	5 ms	D	S	U	U	U	D	S	U	U	D

Table 4.2-1: Configuration of special subframe (lengths of DwPTS/GP/UpPTS).

Special subframe configuration	Normal cyclic prefix in downlink			Extended cyclic prefix in downlink		
	DwPTS	UpPTS		DwPTS	UpPTS	
		Normal cyclic prefix in uplink	Extended cyclic prefix in uplink		Normal cyclic prefix in uplink	Extended cyclic prefix in uplink
0	$6592 \cdot T_s$	$2192 \cdot T_s$	$2560 \cdot T_s$	$7680 \cdot T_s$	$2192 \cdot T_s$	$2560 \cdot T_s$
1	$19760 \cdot T_s$			$20480 \cdot T_s$		
2	$21952 \cdot T_s$			$23040 \cdot T_s$		
3	$24144 \cdot T_s$			$25600 \cdot T_s$		
4	$26336 \cdot T_s$			$7680 \cdot T_s$	$4384 \cdot T_s$	$5120 \cdot T_s$
5	$6592 \cdot T_s$	$4384 \cdot T_s$	$5120 \cdot T_s$	$20480 \cdot T_s$		
6	$19760 \cdot T_s$			$23040 \cdot T_s$		
7	$21952 \cdot T_s$			$12800 \cdot T_s$		
8	$24144 \cdot T_s$			-	-	-
9	$13168 \cdot T_s$			-	-	-

Special subframe (30720·T_s): Normal cyclic prefix in downlink (UpPTS)			
	Special subframe configuration	**Normal cyclic prefix in uplink**	**Extended cyclic prefix in uplink**
Uplink duty factor in one special subframe	**0~4**	7.13%	8.33%
	5~9	14.3%	16.7%

Special subframe(30720·T_s): Extended cyclic prefix in downlink (UpPTS)			
	Special subframe configuration	**Normal cyclic prefix in uplink**	**Extended cyclic prefix in uplink**
Uplink duty factor in one special subframe	**0~3**	7.13%	8.33%
	4~7	14.3%	16.7%

The highest duty factor is resulted from:

For LTE TDD Power class 2

i. Uplink-downlink configuration: 1. In a half-frame consisted of 5 subfames, uplink operation is in 2 uplink subframes and 1 special subframe.
ii. special subframe configuration: 5-9 for normal cyclic prefix in downlink, 4-7 for extended cyclic prefix in downlink
iii. for special subframe with extended cyclic prefix in uplink, the total uplink duty factor in one half-frame is: (2+0.167)/5 = 43.3%
iv. for special subframe with normal cyclic prefix in uplink, the total uplink duty factor in one half-frame is: (2+0.143)/5 = 42.9%
v. For TDD LTE SAR measurement, the duty cycle 1:2.33 (42.9 %) was used perform testing and considering the theoretical duty cycle of 43.3% for extended cyclic prefix in the uplink, and the theoretical duty cycle of 42.9% for normal cyclic prefix in uplink, a scaling factor of extended cyclic prefix 43.3%/42.9% = 1.009 is applied to scale-up the measured SAR result. The scaled TDD LTE SAR = measured SAR (W/kg)* Tune-up Scaling Factor* scaling factor for extended cyclic prefix.

For LTE TDD Power class 3

i. Uplink-downlink configuration: 0. In a half-frame consisted of 5 subfames, uplink operation is in 3 uplink subframes and 1 special subframe.
ii. special subframe configuration: 5-9 for normal cyclic prefix in downlink, 4-7 for extended cyclic prefix in downlink
iii. for special subframe with extended cyclic prefix in uplink, the total uplink duty factor in one half-frame is: (3+0.167)/5 = 63.3%
iv. for special subframe with normal cyclic prefix in uplink, the total uplink duty factor in one half-frame is: (3+0.143)/5 = 62.9%
v. For TDD LTE SAR measurement, the duty cycle 1:1.59 (62.9 %) was used perform testing and considering the theoretical duty cycle of 63.3% for extended cyclic prefix in the uplink, and the theoretical duty cycle of 62.9% for normal cyclic prefix in uplink, a scaling factor of extended cyclic prefix 63.3%/62.9% = 1.006 is applied to scale-up the measured SAR result. The scaled TDD LTE SAR = measured SAR (W/kg)* Tune-up Scaling Factor* scaling factor for extended cyclic prefix.

The device can adjust uplink/downlink configuration automatically according to the transmitting power class level, as followings:

LTE TDD Band	Power Class level	support uplink/downlink configuration
LTE Band 41	> 23	1,2,3,4,5
	=23	0,1,2,3,4,5,6
	< 23	0,1,2,3,4,5,6

<LTE Carrier Aggregation>

The detailed LTE Carrier Aggregation conducted power table can refer to Appendix F.

General Note:

1. This device supports Carrier Aggregation on downlink for inter and intra band. For the device supports bands and bandwidths and configurations are provided as follow table was according to 3GPP.
2. In applying the existing power measurement procedures of KDB 941225 D05A for DL CA SAR test exclusion, only the subset with the largest number of combinations of frequency bands and CCs in each row need combination, and for this device that all the configurations were choose to power measurement.
3. All permutations exist. No restrictions on Pcell & Scell combinations. Only LTE Band 29A is limited to Scell.
4. Per Oct. 2024 TCB workshop, Manufacturer declares that TX power measurement for multiple DL CA configurations is deemed not required as the DL CA has no impact on the TX power according to preliminary scan. TX power measured in LTE standalone operation represents the worst case.

2CC Downlink Carrier Aggregation			3CC Downlink Carrier Aggregation		
Number	Combination	4X4 MIMO	Number	Combination	4X4 MIMO
1	CA_12A-30A	30A	1	CA_12A-30A-66A	30A-66A, 66A, 30A
2	CA_12A-48A	48A	2	CA_12A-66A-66A	66A-66A, 66A
3	CA_12A-66A	66A	3	CA_12A-66C	66C, 66A
4	CA_12B		4	CA_12B-66A	66A
5	CA_13A-48A	48A	5	CA_13A-48A-66A	48A-66A, 66A, 48A
6	CA_13A-66A	66A	6	CA_13A-48C	48C, 48A
7	CA_14A-30A	30A	7	CA_13A-66A-66A	66A-66A, 66A
8	CA_14A-66A	66A	8	CA_14A-30A-66A	30A-66A, 66A, 30A
9	CA_25A-25A	25A-25A, 25A	9	CA_14A-66A-66A	66A-66A, 66A
10	CA_25A-26A	25A	10	CA_25A-25A-26A	25A-25A, 25A
11	CA_25A-41A	25A-41A, 41A, 25A	11	CA_25A-25A-66A	25A-25A-66A, 25A-66A, 25A-25A, 66A, 25A
12	CA_25A-66A	25A-66A, 66A, 25A	12	CA_25A-41C	25A-41C, 41C, 25A-41A, 41A, 25A
13	CA_26A-41A	41A	13	CA_26A-41C	41C, 41A
14	CA_29A-30A	30A	14	CA_29A-30A-66A	30A-66A, 66A, 30A
15	CA_29A-66A	66A	15	CA_29A-66A-66A	66A-66A, 66A
16	CA_2A-12A	2A	16	CA_2A-12A-30A	2A-30A, 30A, 2A
17	CA_2A-13A	2A	17	CA_2A-12A-66A	2A-66A, 66A, 2A
18	CA_2A-14A	2A	18	CA_2A-12B	2A
19	CA_2A-17A	2A	19	CA_2A-13A-48A	2A-48A, 48A, 2A
20	CA_2A-26A	2A	20	CA_2A-13A-66A	2A-66A, 66A, 2A
21	CA_2A-28A	2A	21	CA_2A-14A-30A	2A-30A, 30A, 2A
22	CA_2A-29A	2A-2A, 2A	22	CA_2A-14A-66A	2A-66A, 66A, 2A
23	CA_2A-2A	2A-30A, 30A, 2A	23	CA_2A-29A-30A	2A-30A, 30A, 2A
24	CA_2A-30A	2A-38A, 38A, 2A	24	CA_2A-29A-66A	2A-66A, 66A, 2A
25	CA_2A-38A	2A-48A, 48A, 2A	25	CA_2A-2A-12A	2A-2A, 2A
26	CA_2A-48A	2A-4A, 4A, 2A	26	CA_2A-2A-13A	2A-2A, 2A
27	CA_2A-4A	2A	27	CA_2A-2A-14A	2A-2A, 2A
28	CA_2A-5A	2A-66A, 66A, 2A	28	CA_2A-2A-29A	2A-2A, 2A
29	CA_2A-66A	2A	29	CA_2A-2A-30A	2A-2A-30A, 2A-30A, 2A-2A, 30A, 2A
30	CA_2A-71A	2A-7A, 7A, 2A	30	CA_2A-2A-4A	2A-2A-4A, 2A-4A, 2A-2A, 4A, 2A
31	CA_2A-7A	2A	31	CA_2A-2A-5A	2A-2A, 2A
32	CA_2C	2C, 2A	32	CA_2A-2A-66A	2A-2A-66A, 2A-66A, 2A-2A, 66A, 2A
33	CA_30A-66A	30A-66A, 66A, 30A	33	CA_2A-2A-71A	2A-2A, 2A
34	CA_38A-40A	38A-40A, 40A, 38A	34	CA_2A-2A-7A	2A-2A-7A, 2A-7A, 2A-2A, 7A, 2A
35	CA_38A-66A	38A-66A, 66A, 38A	35	CA_2A-30A-66A	2A-30A-66A, 30A-66A, 2A-66A, 2A-30A, 66A, 30A, 2A
36	CA_38C	38C, 38A	36	CA_2A-48A-48A	2A-48A-48A, 48A-48A, 2A-48A, 48A, 2A
37	CA_41A-41A	41A-41A, 41A	37	CA_2A-48A-66A	2A-48A-66A, 48A-66A, 2A-66A, 2A-48A, 66A, 48A, 2A
38	CA_41A-42A	41A-42A, 42A, 41A	38	CA_2A-48C	2A-48C, 48C, 2A-48A, 48A, 2A

39	CA_41A-48A	41A-48A, 48A, 41A	39	CA_2A-4A-12A	2A-4A, 4A, 2A
40	CA_41C	41C, 41A	40	CA_2A-4A-13A	2A-4A, 4A, 2A
41	CA_42A-42A	42A-42A, 42A	41	CA_2A-4A-29A	2A-4A, 4A, 2A
42	CA_42C	42C, 42A	42	CA_2A-4A-30A	2A-4A-30A, 4A-30A, 2A-4A, 2A-30A, 4A, 30A, 2A
43	CA_48A-48A	48A-48A, 48A	43	CA_2A-4A-4A	2A-4A-4A, 4A-4A, 2A-4A, 4A, 2A
44	CA_48A-66A	48A-66A, 66A, 48A	44	CA_2A-4A-5A	2A-4A, 4A, 2A
45	CA_48A-71A	48A	45	CA_2A-4A-71A	2A-4A, 4A, 2A
46	CA_48B	48B, 48A	46	CA_2A-4A-7A	2A-4A-7A, 4A-7A, 2A-7A, 2A-4A, 7A, 4A, 2A
47	CA_48C	48C, 48A	47	CA_2A-5A-30A	2A-30A, 30A, 2A
48	CA_4A-12A	4A	48	CA_2A-5A-48A	2A-48A, 48A, 2A
49	CA_4A-13A	4A	49	CA_2A-5A-66A	2A-66A, 66A, 2A
50	CA_4A-17A	4A	50	CA_2A-5A-7A	2A-7A, 7A, 2A
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53	CA_4A-48A	4A-48A, 4A, 48A	53	CA_2A-66A-71A	2A-66A, 66A, 2A
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55	CA_4A-5A	4A	55	CA_2A-66C	2A-66C, 66C, 2A-66A, 66A, 2A
56	CA_4A-71A	4A	56	CA_2A-7A-12A	2A-7A, 7A, 2A
57	CA_4A-7A	4A-7A, 7A, 4A	57	CA_2A-7A-13A	2A-7A, 7A, 2A
58	CA_5A-30A	30A	58	CA_2A-7A-29A	2A-7A, 7A, 2A
59	CA_5A-41A	41A	59	CA_2A-7A-38A	2A-7A-38A, 7A-38A, 2A-7A, 2A-38A, 7A, 38A, 2A
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61	CA_5A-66A	66A	61	CA_2A-7A-7A	2A-7A-7A, 7A-7A, 2A-7A, 7A, 2A
62	CA_5A-7A	7A	62	CA_2A-7C	2A-7C, 7C, 2A-7A, 7A, 2A
63	CA_5B		63	CA_2C-12A	2C, 2A
64	CA_66A-66A	66A-66A, 66A	64	CA_2C-66A	2C-66A, 2C, 2A-66A, 66A, 2A
65	CA_66A-71A	66A	65	CA_30A-66A-66A	30A-66A-66A, 66A-66A, 30A-66A, 66A, 30A
66	CA_66B	66B, 66A	66	CA_38A-40C	41A-41A-41A, 41A-41A, 41A
67	CA_66C	66C, 66A	67	CA_41A-41A-41A	41A-41C, 41C, 41A-41A, 41A
68	CA_7A-12A	7A	68	CA_41A-41C	41A-42C, 42C, 41A-42A, 42A, 41A
69	CA_7A-13A	7A	69	CA_41A-42C	41C-42A, 41C, 41A-42A, 42A, 41A
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72	CA_7A-29A	7A	72	CA_42A-42C	42D, 42C, 42A
73	CA_7A-30A	7A-30A, 7A, 30A	73	CA_42D	48A-48A-66A, 48A-66A, 48A-48A, 66A, 48A
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75	CA_7A-66A	7A-66A, 7A, 66A	75	CA_48A-48A-71A	48A-48C, 48C, 48A-48A, 48A
76	CA_7A-71A	7A-71A, 7A, 71A	76	CA_48A-48C	48A-66A-66A, 66A-66A, 48A-66A, 66A, 48A
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78	CA_7B	7B, 7A	78	CA_48C-66A	48C, 48A
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			87	CA_4A-4A-5A	4A-4A, 4A
			88	CA_4A-4A-71A	4A-4A-7A, 4A-7A, 4A-4A, 7A, 4A
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			91	CA_4A-7A-12A	4A-7A-7A, 7A-7A, 4A-7A, 7A, 4A
			92	CA_4A-7A-7A	4A-7C, 7C, 4A-7A, 7A, 4A
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			100	CA_5A-7A-7A	7C, 7A
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			104	CA_66A-66A-66A	66A-66A, 66A
			105	CA_66A-66A-71A	66A-66B, 66B, 66A-66A, 66A
			106	CA_66A-66B	66A-66C, 66C, 66A-66A, 66A
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			112	CA_7A-25A-66A	7A-66A, 7A, 66A
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			114	CA_7A-29A-66A	7A-66A-66A, 7A-66A, 66A-66A, 7A, 66A
			115	CA_7A-66A-66A	7A-7A, 7A
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			117	CA_7A-7A-20A	7A-7A-25A, 7A-7A, 7A-25A, 7A, 25A
			118	CA_7A-7A-25A	7A-7A, 7A
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			122	CA_7C-26A	7C, 7A
			123	CA_7C-29A	7C-32A, 7C, 7A-32A, 7A, 32A
			124	CA_7C-66A	7C-66A, 7C, 7A-66A, 7A, 66A

4CC Downlink Carrier Aggregation			5CC Downlink Carrier Aggregation		
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2	CA_12B-66A-66A	66A-66A, 66A	2	CA_13A-48E	48E, 48D, 48C, 48A
3	CA_13A-48C-66A	48C-66A, 48C, 48A-66A, 66A, 48A	3	CA_2A-12B-66A-66A	2A-66A-66A, 66A-66A, 2A-66A, 66A, 2A
4	CA_13A-48D	48D, 48C, 48A	4	CA_2A-13A-48D	2A-48D, 48D, 2A-48C, 48C, 2A-48A, 48A, 2A
5	CA_14A-30A-66A-66A	30A-66A-66A, 66A-66A, 30A-66A, 66A, 30A	5	CA_2A-2A-12A-66A-66A	2A-2A-66A-66A, 2A-66A-66A, 2A-2A-66A, 66A-66A, 2A-66A, 2A-2A, 66A, 2A
6	CA_14A-66A-66A-66A	66A-66A-66A, 66A-66A, 66A	6	CA_2A-2A-12B-66A	2A-2A-66A, 2A-66A, 2A-2A, 66A, 2A
7	CA_25A-41D	25A-41D, 41D, 25A-41C, 41C, 25A-41A, 41A, 25A	7	CA_2A-2A-13A-66A-66A	2A-2A-66A-66A, 2A-66A-66A, 2A-2A-66A, 66A-66A, 2A-66A, 2A-2A, 66A, 2A
8	CA_29A-30A-66A-66A	30A-66A-66A, 66A-66A, 30A-66A, 66A, 30A	8	CA_2A-2A-14A-66A-66A	2A-2A-66A-66A, 2A-66A-66A, 2A-2A-66A, 66A-66A, 2A-66A, 2A-2A, 66A, 2A
9	CA_2A-12A-66A-66A	2A-66A-66A, 66A-66A, 2A-66A, 66A, 2A	9	CA_2A-2A-5A-66A-66A	2A-2A-66A-66A, 2A-66A-66A, 2A-2A-66A, 66A-66A, 2A-66A, 2A-2A, 66A, 2A
10	CA_2A-12A-66C	2A-66C, 66C, 2A-66A, 66A, 2A	10	CA_2A-2A-5B-66A	2A-2A-66A, 2A-66A, 2A-2A, 66A, 2A
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12	CA_2A-13A-48C	2A-48C, 48C, 2A-48A, 48A, 2A	12	CA_2A-48C-66A-66A	2A-48C-66A-66A, 48C-66A-66A, 2A-48C-66A, 2A-48A-66A-66A, 48C-66A, 48A-66A-66A, 2A-66A-66A, 2A-48C, 2A-48A-66A, 66A-66A, 48C, 48A-66A, 2A-66A, 2A-48A, 66A, 48A, 2A
13	CA_2A-13A-66A-66A	2A-66A-66A, 66A-66A, 2A-66A, 66A, 2A	13	CA_2A-48D-66A	2A-48D-66A, 48D-66A, 2A-48D, 2A-48C-66A, 48D, 48C-66A, 2A-48C, 2A-48A-66A, 48C, 48A-66A, 2A-66A, 2A-48A, 66A, 48A, 2A

14	CA_2A-14A-66A-66A	2A-66A-66A, 66A-66A, 2A-66A, 66A, 2A	14	CA_2A-48E	2A-48E, 48E, 2A-48D, 48D, 2A-48C, 48C, 2A-48A, 48A, 2A
15	CA_2A-29A-66A-66A	2A-66A-66A, 66A-66A, 2A-66A, 66A, 2A	15	CA_2A-5B-66A-66A	2A-66A-66A, 66A-66A, 2A-66A, 66A, 2A
16	CA_2A-2A-12A-30A	2A-2A-30A, 2A-30A, 2A-2A, 30A, 2A	16	CA_2A-7A-7A-66A-66A	2A-7A-7A-66A-66A, 7A-7A-66A-66A, 2A-7A-7A-66A, 2A-7A-66A-66A, 7A-7A-66A, 7A-66A-66A, 2A-7A-7A, 2A-7A-66A, 2A-66A-66A, 7A-7A, 7A-66A, 66A-66A, 2A-7A, 2A-66A, 7A, 66A, 2A
17	CA_2A-2A-12A-66A	2A-2A-66A, 2A-66A, 2A-2A, 66A, 2A	17	CA_2A-7C-66A-66A	2A-7C-66A-66A, 7C-66A-66A, 2A-7C-66A, 2A-7A-66A-66A, 7C-66A, 7A-66A-66A, 2A-7C, 2A-7A-66A, 2A-66A-66A, 7C, 7A-66A, 66A-66A, 2A-7A, 2A-66A, 7A, 66A, 2A
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19	CA_2A-2A-13A-66A	2A-2A-66A, 2A-66A, 2A-2A, 66A, 2A	19	CA_41F	41F, 41E, 41D, 41C, 41A
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21	CA_2A-2A-14A-66A	2A-2A-66A, 2A-66A, 2A-2A, 66A, 2A	21	CA_48A-48E	48A-48E, 48E, 48A-48D, 48D, 48A-48C, 48C, 48A-48A, 48A
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23	CA_2A-2A-30A-66A	2A-2A-30A-66A, 2A-30A-66A, 2A-2A-66A, 2A-2A-30A, 30A-66A, 2A-66A, 2A-30A, 2A-2A, 66A, 30A, 2A	23	CA_48C-48D	48C-48D, 48C-48C, 48A-48D, 48D, 48A-48C, 48C, 48A-48A, 48A
24	CA_2A-2A-4A-12A	2A-2A-4A, 2A-4A, 2A-2A, 4A, 2A	24	CA_48E-66A	48E-66A, 48E, 48D-66A, 48D, 48C-66A, 48C, 48A-66A, 66A, 48A
25	CA_2A-2A-4A-4A	2A-2A-4A-4A, 2A-4A-4A, 2A-2A-4A, 4A-4A, 2A-4A, 2A-2A, 4A, 2A	25	CA_4A-48E	4A-48E, 4A-48D, 48E, 4A-48C, 48D, 4A-48A, 48C, 4A, 48A
26	CA_2A-2A-4A-5A	2A-2A-4A, 2A-4A, 2A-2A, 4A, 2A	26	CA_5A-48C-66A-66A	48C-66A-66A, 48C-66A, 48A-66A-66A, 66A-66A, 48C, 48A-66A, 66A, 48A
27	CA_2A-2A-4A-71A	2A-2A-4A, 2A-4A, 2A-2A, 4A, 2A	27	CA_5A-7C-66A-66A	7C-66A-66A, 7C-66A, 7A-66A-66A, 7C, 7A-66A, 66A-66A, 7A, 66A
28	CA_2A-2A-5A-30A	2A-2A-30A, 2A-30A, 2A-2A, 30A, 2A	28	CA_7A-7A-25A-25A-66A	7A-7A-25A-25A-66A, 7A-7A-25A-66A, 7A-7A-25A-25A, 7A-25A-25A-66A, 7A-7A-66A, 7A-7A-25A, 7A-25A-66A, 7A-25A-25A, 25A-25A-66A, 7A-7A, 7A-66A, 7A-25A, 25A-66A, 25A-25A, 7A, 66A, 25A
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30	CA_2A-2A-5A-7A	2A-2A-7A, 2A-7A, 2A-2A, 7A, 2A	30	CA_2A-48E-66A	48E, 48D, 48C, 2A-66A, 66A, 48A, 2A
31	CA_2A-2A-5B	2A-2A, 2A	31	CA_5A-48D-66A-66A	48D, 66A-66A, 48C, 66A, 48A
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33	CA_2A-2A-66A-71A	2A-2A-66A, 2A-66A, 2A-2A, 66A, 2A			
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35	CA_2A-2A-66C	2A-2A-66C, 2A-66C, 2A-2A-66A, 66C, 2A-66A, 2A-2A, 66A, 2A			
36	CA_2A-2A-7A-12A	2A-2A-7A, 2A-7A, 2A-2A, 7A, 2A			
37	CA_2A-2A-7A-66A	2A-2A-7A-66A, 2A-7A-66A, 2A-2A-7A, 2A-2A-66A, 7A-66A, 2A-7A, 2A-66A, 2A-2A, 7A, 66A, 2A			
38	CA_2A-30A-66A-66A	2A-30A-66A-66A, 30A-66A-66A, 2A-66A-66A, 2A-30A-66A, 66A-66A, 30A-66A, 2A-66A, 2A-30A, 66A, 30A, 2A			
39	CA_2A-48A-48C	2A-48A-48C, 48A-48C, 2A-48C, 2A-48A-48A, 48C, 48A-48A, 2A-48A, 48A, 2A			
40	CA_2A-48A-66A-66A	2A-48A-66A-66A, 48A-66A-66A, 2A-66A-66A, 2A-48A-66A, 66A-66A, 48A-66A, 2A-66A, 2A-48A, 66A, 48A, 2A			
41	CA_2A-48C-66A	2A-48C-66A, 48C-66A, 2A-48C, 2A-48A-66A, 48C, 48A-66A, 2A-66A, 2A-48A, 66A, 48A, 2A			
42	CA_2A-48D	2A-48D, 48D, 2A-48C, 48C, 2A-48A, 48A, 2A			
43	CA_2A-4A-12B	2A-4A, 4A, 2A			
44	CA_2A-4A-4A-12A	2A-4A-4A, 4A-4A, 2A-4A, 4A, 2A			
45	CA_2A-4A-4A-5A	2A-4A-4A, 4A-4A,			

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46	CA_2A-4A-7A-7A	2A-4A-7A-7A, 4A-7A-7A, 2A-7A-7A, 2A-4A-7A, 7A-7A, 4A-7A, 2A-7A, 2A-4A, 7A, 4A, 2A			
47	CA_2A-4A-7C	2A-4A-7C, 4A-7C, 2A-7C, 2A-4A-7A, 7C, 4A-7A, 2A-7A, 2A-4A, 7A, 4A, 2A			
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50	CA_2A-5A-7A-7A	2A-7A-7A, 7A-7A, 2A-7A, 7A, 2A			
51	CA_2A-5B-30A	2A-30A, 30A, 2A			
52	CA_2A-5B-66A	2A-66A, 66A, 2A			
53	CA_2A-66A-66A-66A	2A-66A-66A-66A, 66A-66A-66A, 2A-66A-66A, 66A-66A, 2A-66A, 66A, 2A			
54	CA_2A-66A-66A-71A	2A-66A-66A, 66A-66A, 2A-66A, 66A, 2A			
55	CA_2A-66C-71A	2A-66C, 66C, 2A-66A, 66A, 2A			
56	CA_2A-7A-66A-66A	2A-7A-66A-66A, 7A-66A-66A, 2A-7A-66A, 2A-66A-66A, 7A-66A, 66A-66A, 2A-7A, 2A-66A, 7A, 66A, 2A			
57	CA_2A-7A-7A-13A	2A-7A-7A, 7A-7A, 2A-7A, 7A, 2A			
58	CA_2A-7A-7A-29A	2A-7A-7A, 7A-7A, 2A-7A, 7A, 2A			
59	CA_2A-7A-7A-66A	2A-7A-7A-66A, 7A-7A-66A, 2A-7A-7A, 2A-7A-66A, 7A-7A, 7A-66A, 2A-7A, 2A-66A, 7A, 66A, 2A			
60	CA_2A-7C-13A	2A-7C, 7C, 2A-7A, 7A, 2A			
61	CA_2A-7C-38A	2A-7C-38A, 7C-38A, 2A-7C, 2A-7A-38A, 7C, 7A-38A, 2A-7A, 2A-38A, 7A, 38A, 2A			
62	CA_2A-7C-66A	2A-7C-66A, 7C-66A, 2A-7C, 2A-7A-66A, 7C, 7A-66A, 2A-7A, 2A-66A, 7A, 66A, 2A			
63	CA_2C-66A-66A	2C-66A-66A, 2C-66A, 2A-66A-66A, 66A-66A, 2C, 2A-66A, 66A, 2A			
64	CA_41A-41A-41C	41A-41A-41C, 41A-41C, 41A-41A-41A, 41C, 41A-41A, 41A			
65	CA_41A-41D	41A-41D, 41D, 41A-41C, 41C, 41A-41A, 41A			
66	CA_41C-41C	41C-41C, 41A-41C, 41C, 41A-41A, 41A			
67	CA_41C-42C	41C-42C, 41C-42A, 41A-42C, 42C, 41C, 41A-42A, 42A, 41A			
68	CA_41E	41E, 41D, 41C, 41A			
69	CA_48A-48A-66A-66A	48A-48A-66A-66A, 48A-66A-66A, 48A-48A-66A, 66A-66A, 48A-66A, 48A-48A, 66A, 48A			
70	CA_48A-48C-66A	48A-48C-66A, 48C-66A, 48A-48C, 48A-48A-66A, 48C, 48A-66A, 48A-48A, 66A, 48A			
71	CA_48A-48D	48A-48D, 48D, 48A-48C, 48C, 48A-48A, 48A			
72	CA_48C-48C	48C-48C, 48A-48C, 48C, 48A-48A, 48A			
73	CA_48C-66A-66A	48C-66A-66A, 48C-66A, 48A-66A-66A, 66A-66A, 48C, 48A-66A, 66A, 48A			
74	CA_48D-66A	48D-66A, 48D, 48C-66A, 48C, 48A-66A, 66A, 48A			
75	CA_48E	48E, 48D, 48C, 48A			
76	CA_4A-48D	4A-48D, 4A-48C, 48D, 4A-48A, 48C, 4A, 48A			
77	CA_4A-4A-12B	4A-4A, 4A			
78	CA_5A-30A-66A-66A	30A-66A-66A, 66A-66A, 30A-66A, 66A, 30A			
79	CA_5A-48A-66A-66A	48A-66A-66A, 66A-66A, 48A-66A, 66A, 48A			
80	CA_5A-48C-66A	48C-66A, 48C, 48A-66A, 66A, 48A			
81	CA_5A-48D	48D, 48C, 48A			
82	CA_5A-7A-66A-66A	7A-66A-66A, 7A-66A, 66A-66A, 7A, 66A			
83	CA_5A-7A-7A-66A	7A-7A-66A, 7A-7A, 7A-66A, 7A, 66A			

84	CA_5A-7C-66A	7C-66A, 7C, 7A-66A, 7A, 66A			
85	CA_5B-30A-66A	30A-66A, 66A, 30A			
86	CA_5B-66A-66A	66A-66A, 66A			
87	CA_7A-25A-25A-66A	7A-25A-25A-66A, 7A-25A-66A, 7A-25A-25A, 25A-25A-66A, 7A-66A, 7A-25A, 25A-66A, 25A-25A, 7A, 66A, 25A			
88	CA_7A-7A-13A-66A	7A-7A-66A, 7A-7A, 7A-66A, 7A, 66A			
89	CA_7A-7A-25A-25A	7A-7A-25A-25A, 7A-7A-25A, 7A-25A-25A, 7A-7A, 7A-25A, 25A-25A, 7A, 25A			
90	CA_7A-7A-25A-66A	7A-7A-25A-66A, 7A-7A-66A, 7A-7A-25A, 7A-25A-66A, 7A-7A, 7A-66A, 7A-25A, 25A-66A, 7A, 66A, 25A			
91	CA_7A-7A-29A-66A	7A-7A-66A, 7A-7A, 7A-66A, 7A, 66A			
92	CA_7A-7A-66A-66A	7A-7A-66A-66A, 7A-7A-66A, 7A-66A-66A, 7A-7A, 7A-66A, 66A-66A, 7A, 66A			
93	CA_7C-13A-66A	7C-66A, 7C, 7A-66A, 7A, 66A			
94	CA_7C-66A-66A	7C-66A-66A, 7C-66A, 7A-66A-66A, 7C, 7A-66A, 66A-66A, 7A, 66A			

LTE Carrier Aggregation Conducted Power (Downlink)

i. According to KDB941225 D05A v01r02, Uplink maximum output power measurement with downlink carrier aggregation active should be measured, using the highest output channel measured without downlink carrier aggregation, to confirm that uplink maximum output power with downlink carrier aggregation active remains within the specified tune-up tolerance limits and not more than ¼ dB higher than the maximum output measured without downlink carrier aggregation active.

ii. Uplink maximum output power with downlink carrier aggregation active does not show more than ¼ dB higher than the maximum output power without downlink carrier aggregation active, therefore SAR evaluation with downlink carrier aggregation active can be excluded.

iii. The device supports downlink five carrier aggregation. For power measurement were control and acknowledge data is sent on uplink channels that operate identical to specifications when downlink carrier aggregation is inactive.

iv. Selected highest measured power when downlink carrier aggregation is inactive for conducted power comparison with downlink carrier aggregation is active, to confirm that when downlink carrier aggregation is active uplink maximum output power remains within the specified tune-up tolerance limits and not more than ¼ dB higher than the maximum output power measured when downlink carrier aggregation inactive.

v. For inter-band CA, the SCC selected highest bandwidth and near the middle of its transmission band. For SCC DL RB size and offset will base on the PCC corresponding RB allocation.

vi. For non-contiguous intra-band CA, the SCC selected to provide maximum separation from the PCC and must remain fully within the downlink transmission band.

vii. For Intra-band, contiguous CA, the downlink channels selected to perform the uplink power measurement must satisfy 3GPP channel spacing (5.4.1A of 3GPP TS 36.521 or equivalent) and channel bandwidth (5.4.2A) requirements.

$$\text{Nominal channel spacing} = \left\lfloor \frac{BW_{Channel(1)} + BW_{Channel(2)} - 0.1\left|BW_{Channel(1)} - BW_{Channel(2)}\right|}{0.6} \right\rfloor 0.3 \ \text{[MHz]}$$

LTE 4x4 MIMO (Downlink)

This device supports downlink 4x4 MIMO operations for LTE Band 2/4/7/25/30/38/41/42/48/66 only. Uplink transmission is limited to a single output stream. Power measurements were performed with downlink 4x4 MIMO active for the configuration with highest measured maximum conducted power with 4x4 downlink MIMO inactive measured among the channel bandwidth, modulation, and RB combinations in each frequency band.

Per FCC Guidance, SAR for downlink 4x4 MIMO was not needed since the maximum average output power in 4x4 downlink MIMO mode was not > 0.25 dB higher than the maximum output power with downlink 4x4 MIMO inactive. When carrier aggregation is applicable, power measurements were performed with the downlink carrier aggregation and 4x4 DL MIMO active for the configuration with highest measured maximum conducted power with downlink carrier aggregation inactive measured among the channel bandwidth, modulation, and RB combinations in each frequency band.

4X4 MIMO	Band
	LTE Band 2/4/7/25/30/38/41/42/48/66

LTE Carrier Aggregation Conducted Power (Uplink)

LTE Uplink CA	2CC Uplink Carrier Aggregation
Intra-band	Antenna Tx
CA_38C	2,3,0,1
CA_41C	2,3,0,1
CA_42C	4,8,3,5
CA_48B	4,8,3,5
CA_48C	4,8,3,5
CA_5B	0,1
CA_7C	2,0,3,1

<Intra-band>

General Note:

i. The device supports intra-band uplink carrier aggregation for LTE B5/7/38/41/42/48 with a maximum of two uplink component carriers. For intra band contiguous carrier aggregation scenarios, 3GPP 36.101 table 6.2.2A-1 specifies that the aggregate maximum allowed output power is equivalent to the single carrier scenario. 3GPP 36.101 6.2.3A allows for several dB of MPR to be applied when not-contiguous RB allocation is implemented. The conducted power and MPR setting in this device are permanently implemented pre 3GPP requirement.

ii. According Nov. 2017 TCB workshop, the output power with uplink CA active was measured for the configuration with the highest reported SAR with single carrier for each exposure condition. The power was measured with wideband signal integration over both component carriers.

iii. Additional SAR measurement for LTE UL CA whit other DL CA combinations active were not required since the maximum output power for this configuration was not > 0.25dB higher than the maximum output power for UL CA active.

iv. LTE CA_48B test was covered by LTE CA_48C; therefore, SAR was only assessed for LTE CA_48C.

<Inter-band uplink carrier aggregation consideration>

LTE Inter Uplink CA	Main Antenna Tx		ASDiv Tx	
CA_12A-30A	0	2	0,1	2,3,0,1
CA_12A-66A	0	2	0,1	2,3,0,1
CA_13A-66A	0	2	0,1	2,3,0,1
CA_14A-30A	0	2	0,1	2,0
CA_14A-66A	0	2	0,1	2,3,0,1
CA_2A-12A	2	0	2,3,0,1	0,1
CA_2A-13A	2	0	2,3,0,1	0,1
CA_2A-14A	2	0	2,3,0,1	0,1
CA_2A-4A	2	3	2,3,0,1	3,2,1,0
CA_2A-5A	2	0	2,3,0,1	0,1
CA_2A-66A	2	3	2,3,0,1	3,2,1,0
CA_2A-71A	2	0	2,3,0,1	0,1
CA_2A-7A	3	2	3,1	2,0
CA_4A-12A	2	0	2,3,0,1	0,1
CA_4A-13A	2	0	2,3,0,1	0,1
CA_4A-5A	2	0	2,3,0,1	0,1
CA_4A-7A	3	2	3,1	2,0
CA_5A-30A	0	2	0,1	2,0
CA_5A-66A	0	2	0,1	2,3,0,1
CA_5A-7A	0	2	0,1	2,0
CA_7A-66A	2	3	2,0	3,1

General Note:

1. The single carrier of inter band CA uplink power level is the same as Non-CA standalone LTE power level.
2. The product implements Qualcomm Smart Transmit feature which controls the instantaneous transmitting power for WWAN transmitter to ensure the product in compliance with FCC RF exposure limit over a defined time window. To control and manage transmitting power in real time and to ensure at all times the time-averaged RF exposure is compliant to the regulation requirement.
3. For LTE inter-band CA mode, Qualcomm Smart Transmit algorithm in WWAN adds directly the time-averaged RF exposure between two LTE bands. Smart Transmit algorithm controls the total RF exposure base on LTE inter CA bands to not exceed FCC limit.

5G NR Output Power (Unit: dBm)

General Note:

1. 5G NR n2/n5/n7/n12/n25/n26/n38/n41/n48/n66/n71/n77/n78 is NSA mode.
2. 5G NR n2/n5/n7/n12/n14/n25/n26/n30/n38/n41/n48/n66/n70/n71/n77/n78 is SA mode.
3. For 5G NR test procedure was following step similar FCC KDB 941225 D05:
   a. For DFT-OFDM and CP-OFDM output power measurement reduction, according to 38.101 maximum power reduction for power class2 and 3, the CP-OFDM mode will not higher than DFT-OFDM mode, therefore, similar FCC KDB 941225 D05 procedure for other modulation output power for each RB allocation configuration is > not ½ dB higher than the same configuration in DFT-s QPSK and the reported SAR for the DFT-s QPSK configuration is ≤ 1.45 W/kg; CP-OFDM testing is not required.
   b. For DFT-OFDM output power measurement reduction, according to 38.101 maximum power reduction for power class2 and 3, for 16QAM/64QAM/256QAM and smaller bandwidth output power will spot check largest channel bandwidth worst RB configuration to ensure the 16QAM/64QAM/256QAM and smaller bandwidth output power will not ½ dB higher than the same configuration in the largest supported bandwidth.
   c. SAR testing start with the largest channel bandwidth and measure SAR for QPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel
   d. 50% RB allocation for QPSK SAR testing follows 1RB QPSK allocation procedure
   e. QPSK with 100% RB allocation, SAR is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be tested
   f. PI/2 BPSK/16QAM/64QAM/256QAM output powers according to 3GPP MPR will not ½ dB higher than the same configuration in QPSK, also reported SAR for the QPSK configuration is less than 1.45 W/kg, PI/2 BPSK /16QAM/64QAM/256QAM SAR testing are not required.
   g. Smaller bandwidth output power for each RB allocation configuration for this device will not ½ dB higher than the same configuration in the largest supported bandwidth, and the reported SAR for the largest supported bandwidth is ≤ 1.45 W/kg, smaller bandwidth SAR testing is not required for this device
4. NSA and SA mode should perform SAR separately. For the maximum power of NSA mode is the same as SA total power level, so SA SAR can represent NSA mode SAR.
5. 5GNR NSA mode, the power level is the same as 5GNR SA mode, so 5GNR NSA mode and SA mode power table only show one time.
6. 5G NR supports CP-OFDM and DFT-s-OFDM modulation, for DFT-s-OFDM power is higher than CP-OFDM, so only show DFT-s-OFDM power table and chose DFT-s-OFDM to perform SAR testing.
7. For DFT-s-OFDM and CP-OFDM output power measurement reduction, according to 38.101 maximum power reduction for the CP-OFDM mode will not higher than DFT-s-OFDM mode, therefore, CP-OFDM measurement is unnecessary.
8. When channel bandwidth of SA and NSA is same, the power level is the same as 5GNR SA mode, so 5GNR NSA mode and SA mode power table only show one time. When channel bandwidth of SA and NSA is different, chose the largest channel bandwidth mode among SA and NSA to perform power measurement.
9. For the NR bands, when channel bandwidth of SA and NSA is same, and the maximum power of NSA mode is same as SA total power level, SA SAR can represent NSA mode SAR. For the bands, when channel bandwidth of SA and NSA is different, choose the largest channel bandwidth with maximum power to perform SAR testing, so the largest channel bandwidth SAR can represent the smallest channel bandwidth SAR.
10. This device supports HPUE mode for 5GNR n41/n77/n78 with higher power. For HPUE power is higher than power class 3 but with lower duty cycle, the maximum average power for class 2 and class 3 is almost the same, so we chose power class 3 full SAR testing and power class 2 verify the worst case of power class 3 SAR.
11. For 5GNR n41/n77/n78 HPUE, 5GNR n41/n77/n78 PC2 Maximum Duty Cycle is 50%, using FTM (Factory Test Mode) with 50% duty cycle is considered during SAR testing. For 5G NR other bands, using FTM to perform SAR with default 100% transmission.
12. For 5GNR inter-band CA mode, Qualcomm Smart Transmit algorithm in WWAN adds directly the time-averaged RF exposure between two 5GNR bands. Smart Transmit algorithm controls the total RF exposure base on 5GNR inter CA bands to not exceed FCC limit.
13. 5G NR n2/ n25/n41/n48/ n66/n77/n78 supports UL MIMO mode.

<3GPP 38.101 MPR for EN-DC>

Table 6.2.2-1 Maximum power reduction (MPR) for power class 3

Modulation		MPR (dB)		
		Edge RB allocations	Outer RB allocations	Inner RB allocations
DFT-s-OFDM	Pi/2 BPSK	≤ 3.5[1]	≤ 1.2[1]	≤ 0.2[1]
		≤ 0.5[2]	≤ 0.5[2]	0[2]
	QPSK	≤ 1		0
	16 QAM	≤ 2		≤ 1
	64 QAM	≤ 2.5		
	256 QAM	≤ 4.5		
CP-OFDM	QPSK	≤ 3		≤ 1.5
	16 QAM	≤ 3		≤ 2
	64 QAM	≤ 3.5		
	256 QAM	≤ 6.5		

NOTE 1: Applicable for UE operating in TDD mode with Pi/2 BPSK modulation and UE indicates support for UE capability *powerBoosting-pi2BPSK* and if the IE *powerBoostPi2BPSK* is set to 1 and 40 % or less slots in radio frame are used for UL transmission for bands n40, n41, n77, n78 and n79. The reference power of 0 dB MPR is 26 dBm.

NOTE 2: Applicable for UE operating in FDD mode, or in TDD mode in bands other than n40, n41, n77, n78 and n79 with Pi/2 BPSK modulation and if the IE *powerBoostPi2BPSK* is set to 0 and if more than 40 % of slots in radio frame are used for UL transmission for bands n40, n41, n77, n78 and n79.

Table 6.2.2-2 Maximum power reduction (MPR) for power class 2

Modulation		MPR (dB)		
		Edge RB allocations	Outer RB allocations	Inner RB allocations
DFT-s-OFDM	Pi/2 BPSK	≤ 3.5	≤ 0.5	0
	QPSK	≤ 3.5	≤ 1	0
	16 QAM	≤ 3.5	≤ 2	≤ 1
	64 QAM	≤ 3.5	≤ 2.5	
	256 QAM	≤ 4.5		
CP-OFDM	QPSK	≤ 3.5	≤ 3	≤ 1.5
	16 QAM	≤ 3.5	≤ 3	≤ 2
	64 QAM	≤ 3.5		
	256 QAM	≤ 6.5		

<EN-DC combination>

ENDC	Main Antenna Tx		ASDiv Tx	
	LTE TX	NR TX	LTE TX	NR TX
DC_12A_n25A	0	2	0,1	2,3,0,1
DC_12A_n2A	0	2	0,1	2,3,0,1
DC_12A_n38A	0	2	0,1	2,3,0,1
DC_12A_n41A	0	2	0,1	2,3,0,1
DC_12A_n66A	0	2	0,1	2,3,0,1
DC_12A_n77A	0	8	0,1	8,4,5,3
DC_12A_n78A	0	8	0,1	8,4,5,3
DC_12A_n7A	0	2	0,1	2,0
DC_13A_n2A	0	2	0,1	2,3,0,1
DC_13A_n66A	0	2	0,1	2,3,0,1
DC_13A_n77A	0	8	0,1	8,4,5,3
DC_13A_n78A	0	8	0,1	8,4,5,3
DC_14A_n2A	0	2	0,1	2,3,0,1
DC_14A_n66A	0	2	0,1	2,3,0,1
DC_14A_n77A	0	8	0,1	8,4,5,3
DC_25A_n41A	2	3	2,3,0,1	3,2,1,0
DC_25A_n77A	2	4	2,3,0,1	4,8,3,5
DC_25A_n78A	2	4	2,3,0,1	4,8,3,5
DC_26A_n25A	0	2	0,1	2,3,0,1
DC_26A_n41A	0	2	0,1	2,3,0,1
DC_26A_n78A	0	8	0,1	8,4,5,3
DC_2A_n12A	2	0	2,3,0,1	0,1
DC_2A_n38A	2	3	2,3,0,1	3,2,1,0
DC_2A_n41A	2	3	2,3,0,1	3,2,1,0
DC_2A_n5A	2	0	2,3,0,1	3,2,1,0
DC_2A_n66A	2	1	2,1,0,3	1,2,3,0
DC_2A_n71A	2	0	2,3,0,1	3,2,1,0

DC_2A_n77A	0	4	0,1,2,3	4,8,3,5
DC_2A_n78A	2	4	2,3,0,1	4,8,3,5
DC_2A_n7A	3	2	3,2,1,0	2,0
DC_30A_n2A	2	3	2,0	3,1
DC_30A_n5A	2	0	2,0	0,1
DC_30A_n66A	2	3	2,0	3,1
DC_30A_n77A	2	4	2,0	4,8,3,5
DC_38A_n78A	2	4	2,3,0,1	4,8,3,5
DC_41A_n77A	2	4	2,3,0,1	4,8,3,5
DC_41A_n78A	2	4	2,3,0,1	4,8,3,5
DC_48A_n2A	4	2	4,8,3,5	2,3,0,1
DC_48A_n5A	4	0	4,8,3,5	0,1
DC_48A_n66A	4	2	4,8,3,5	2,3,0,1
DC_48A_n71A	4	0	4,8,3,5	0,1
DC_4A_n2A	2	3	2,3,0,1	3,2,1,0
DC_4A_n38A	2	3	2,3,0,1	3,2,1,0
DC_4A_n41A	2	3	2,3,0,1	3,2,1,0
DC_4A_n5A	2	0	2,3,0,1	0,1
DC_4A_n78A	2	4	2,3,0,1	4,8,3,5
DC_4A_n7A	3	2	3,2,1,0	2,0
DC_5A_n2A	0	2	0,1	2,3,0,1
DC_5A_n38A	0	2	0,1	2,3,0,1
DC_5A_n41A	0	2	0,1	2,3,0,1
DC_5A_n66A	0	2	0,1	2,3,0,1
DC_5A_n77A	0	8	0,1	8,4,5,3
DC_5A_n78A	0	8	0,1	8,4,5,3
DC_5A_n7A	0	2	0,1	2,0
DC_66A_n12A	2	0	2,3,0,1	0,1
DC_66A_n25A	2	3	2,3,0,1	3,2,1,0
DC_66A_n2A	2	1	2,1,0,3	1,2,3,0
DC_66A_n38A	2	3	2,3,0,1	3,2,1,0
DC_66A_n41A	2	3	2,3,0,1	3,2,1,0
DC_66A_n5A	2	0	2,3,0,1	0,1
DC_66A_n71A	2	0	2,3,0,1	0,1
DC_66A_n77A	0	4	0,1,2,3	4,8,3,5
DC_66A_n78A	2	4	2,3,0,1	4,8,3,5
DC_66A_n7A	3	2	3,2,1,0	2,0
DC_71A_n2A	0	2	0,1	2,3,0,1
DC_71A_n41A	0	2	0,1	2,3,0,1
DC_71A_n48A	0	8	0,1	8,4,5,3
DC_71A_n66A	0	2	0,1	2,3,0,1
DC_71A_n77A	0	8	0,1	8,4,5,3
DC_71A_n78A	0	8	0,1	8,4,5,3
DC_7A_n25A	2	3	2,0	3,1
DC_7A_n26A	2	0	2,0	0,1
DC_7A_n2A	2	3	2,0	3,1
DC_7A_n5A	2	0	2,0	0,1
DC_7A_n66A	2	3	2,0	3,1
DC_7A_n71A	2	0	2,0	0,1
DC_7A_n77A	2	4	2,0	4,8,3,5
DC_7A_n78A	2	4	2,0	4,8,3,5

UL MIMO combination:

Open Mode					Close Mode			
UL MIMO	Main Antenna Tx	ASDiv Tx-1	ASDiv Tx-2	ASDiv Tx-3	Main Antenna Tx	ASDiv Tx-1	ASDiv Tx-2	ASDiv Tx-3
n2	ANT2+ANT3	ANT2+ANT1	ANT0+ANT3	ANT0+ANT1	ANT2+ANT3			
n25	ANT2+ANT3	ANT2+ANT1	ANT0+ANT3	ANT0+ANT1	ANT2+ANT3			
n41	ANT2+ANT3	ANT2+ANT1	ANT0+ANT3	ANT0+ANT1	ANT2+ANT3	ANT2+ANT1	ANT0+ANT3	ANT0+ANT1
n48	ANT4+ANT8	ANT4+ANT5	ANT3+ANT8	ANT3+ANT5	ANT4+ANT8	ANT4+ANT5	ANT3+ANT8	ANT3+ANT5
n66	ANT2+ANT3	ANT2+ANT1	ANT0+ANT3	ANT0+ANT1	ANT2+ANT3			
n77	ANT4+ANT8	ANT4+ANT5	ANT3+ANT8		ANT4+ANT8	ANT4+ANT5	ANT3+ANT8	
n78	ANT4+ANT8	ANT4+ANT5	ANT3+ANT8		ANT4+ANT8	ANT4+ANT5	ANT3+ANT8	

Inter-Band CA Configuration:

NR Uplink	2CC Uplink Carrier Aggregation			
CA	Main Antenna Tx		ASDiv Tx	
CA_n25A-n41A	2	3	2,3,0,1	3,2,1,0
CA_n25A-n48A	2	4	2,3,0,1	4,8,3,5
CA_n25A-n66A	2	3	2,3,0,1	3,2,1,0
CA_n25A-n71A	2	0	2,3,0,1	0,1
CA_n25A-n77A	2	4	2,3,0,1	4,8,3,5
CA_n25A-n78A	2	4	2,3,0,1	4,8,3,5
CA_n26A-n77A	2	8	2,3,0,1	8,4,5,3
CA_n2A-n12A	2	0	2,3,0,1	0,1
CA_n2A-n14A	2	0	2,3,0,1	0,1
CA_n2A-n30A	3	2	3,1	2,0
CA_n2A-n48A	2	4	2,3,0,1	4,8,3,5
CA_n2A-n5A	2	0	2,3,0,1	0,1
CA_n2A-n66A	2	3	2,3,0,1	3,2,1,0
CA_n2A-n77A	2	4	2,3,0,1	4,8,3,5
CA_n30A-n66A	2	3	2,0	3,1
CA_n30A-n77A	2	4	2,0	4,8,3,5
CA_n41A-n66A	2	3	2,3,0,1	3,2,1,0
CA_n41A-n71A	2	0	2,3,0,1	0,1
CA_n48A-n66A	4	2	4,8,3,5	2,3,0,1
CA_n48A-n71A	4	0	4,8,3,5	0,1
CA_n5A-n30A	0	2	0,1	2,0
CA_n5A-n48A	0	4	0,1	4,8,3,5
CA_n5A-n66A	0	2	0,1	2,3,0,1
CA_n5A-n77A	0	4	0,1	4,8,3,5
CA_n5A-n78A	0	4	0,1	4,8,3,5
CA_n66A-n71A	2	0	2,3,0,1	0,1
CA_n66A-n77A	2	4	2,0	4,8,3,5
CA_n66A-n78A	2	4	2,0	4,8,3,5
CA_n70A-n71A	2	0	2,3,0,1	0,1
CA_n71A-n77A	0	8	0,1	8,4,5,3
CA_n71A-n78A	0	8	0,1	8,4,5,3
CA_n7A-n78A	2	4	2,0	4,8,3,5

<WLAN Conducted Power>

General Note:

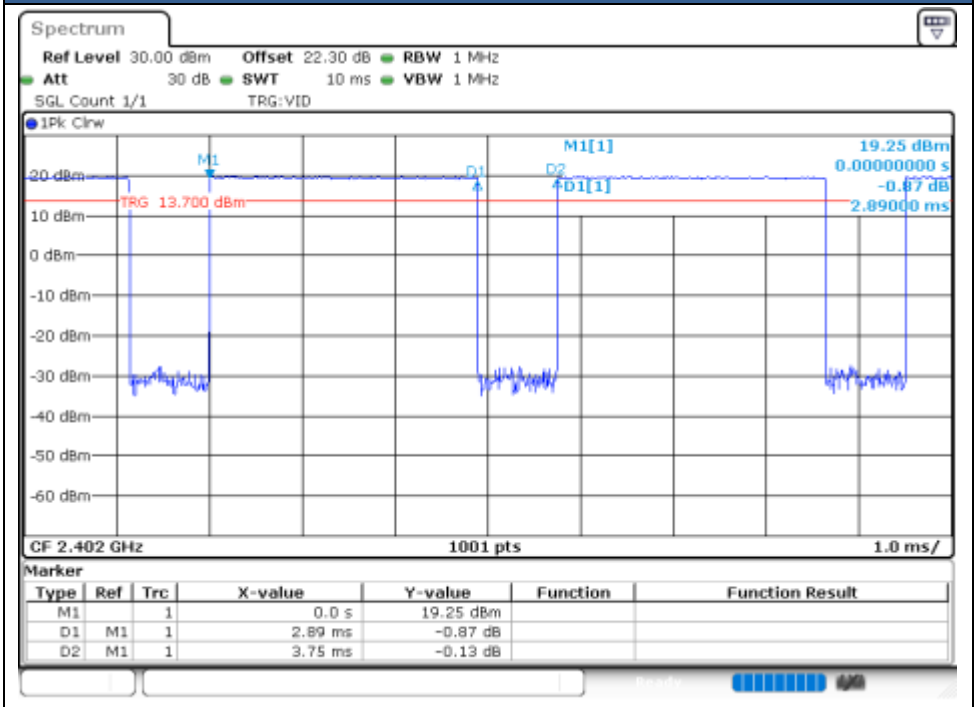
1. The maximum output power specified for production units are determined for all applicable 802.11 transmission modes in each standalone and aggregated frequency band. Maximum output power is measured for the highest maximum output power configuration(s) in each frequency band according to the default power measurement procedures. For “Not required”, SAR Test reduction was applied from KDB 248227 guidance, Sec. 2.1, b), 1) when the same maximum power is specified for multiple transmission modes in a frequency band, the largest channel bandwidth, lowest order modulation, lowest data rate and lowest order 802.11a/g/n/ac mode is used for SAR measurement, on the highest measured output power channel in the initial test configuration. Additional output power measurements were not necessary.
2. Per KDB 248227 D01v02r02, SAR test reduction is determined according to 802.11 transmission mode configurations and certain exposure conditions with multiple test positions. In the 2.4 GHz band, separate SAR procedures are applied to DSSS and OFDM configurations to simplify DSSS test requirements. For OFDM, in both 2.4 and 5 GHz bands, an initial test configuration must be determined for each standalone and aggregated frequency band, according to the transmission mode configuration with the highest maximum output power specified for production units to perform SAR measurements. If the same highest maximum output power applies to different combinations of channel bandwidths, modulations and data rates, additional procedures are applied to determine which test configurations require SAR measurement. When applicable, an initial test position may be applied to reduce the number of SAR measurements required for next to the ear, UMPC mini-tablet or hotspot mode configurations with multiple test positions.
3. For 2.4 GHz 802.11b DSSS, either the initial test position procedure for multiple exposure test positions or the DSSS procedure for fixed exposure position is applied; these are mutually exclusive. For 2.4 GHz and 5 GHz OFDM configurations, the initial test configuration is applied to measure SAR using either the initial test position procedure for multiple exposure test position configurations or the initial test configuration procedures for fixed exposure test conditions. Based on the reported SAR of the measured configurations and maximum output power of the transmission mode configurations that are not included in the initial test configuration, the subsequent test configuration and initial test position procedures are applied to determine if SAR measurements are required for the remaining OFDM transmission configurations. In general, the number of test channels that require SAR measurement is minimized based on maximum output power measured for the test sample(s).
4. For OFDM transmission configurations in the 2.4 GHz and 5 GHz bands, When the same maximum power is specified for multiple transmission modes in a frequency band, the largest channel bandwidth, lowest order modulation, lowest data rate and lowest order 802.11a/g/n/ac mode is used for SAR measurement, on the highest measured output power channel for each frequency band.
5. DSSS and OFDM configurations are considered separately according to the required SAR procedures. SAR is measured in the initial test position using the 802.11 transmission mode configuration required by the DSSS procedure or initial test configuration and subsequent test configuration(s) according to the OFDM procedures.18 The initial test position procedure is described in the following:
   a. When the reported SAR of the initial test position is ≤ 0.4 W/kg, further SAR measurement is not required for the other test positions in that exposure configuration and 802.11 transmission mode combinations within the frequency band or aggregated band.
   b. When the reported SAR of the test position is > 0.4 W/kg, SAR is repeated for the 802.11 transmission mode configuration tested in the initial test position to measure the subsequent next closet/smallest test separation distance and maximum coupling test position on the highest maximum output power channel, until the report SAR is ≤ 0.8 W/kg or all required test position are tested.
   c. For all positions/configurations, when the reported SAR is > 0.8 W/kg, SAR is measured for these test positions/configurations on the subsequent next highest measured output power channel(s) until the reported SAR is ≤ 1.2 W/kg or all required channels are tested.
6. 802.11 ax/be supports both full tone size mode and partial tone size mode, after verification on partial tone size mode that partial size tone mode power will not be higher than full tone size mode, therefore, full tone mode power was chosen to be measured in this report.
7. SISO and MIMO all supported by WLAN2.4GHz/WLAN5GHz, for SISO mode power is less than per chain power of MIMO mode. For WLAN SISO & MIMO mode, the whole testing has assessed only MIMO mode by referring to their higher conducted power, so only chose MIMO mode to perform SAR testing.
8. For the conducted power measurement is MIMO chains transmitting simultaneously and measured the separately conducted power for both chains and then based on the conducted power of two antennas respectively to calculate sum of the power for MIMO mode.

<2.4GHz Bluetooth>

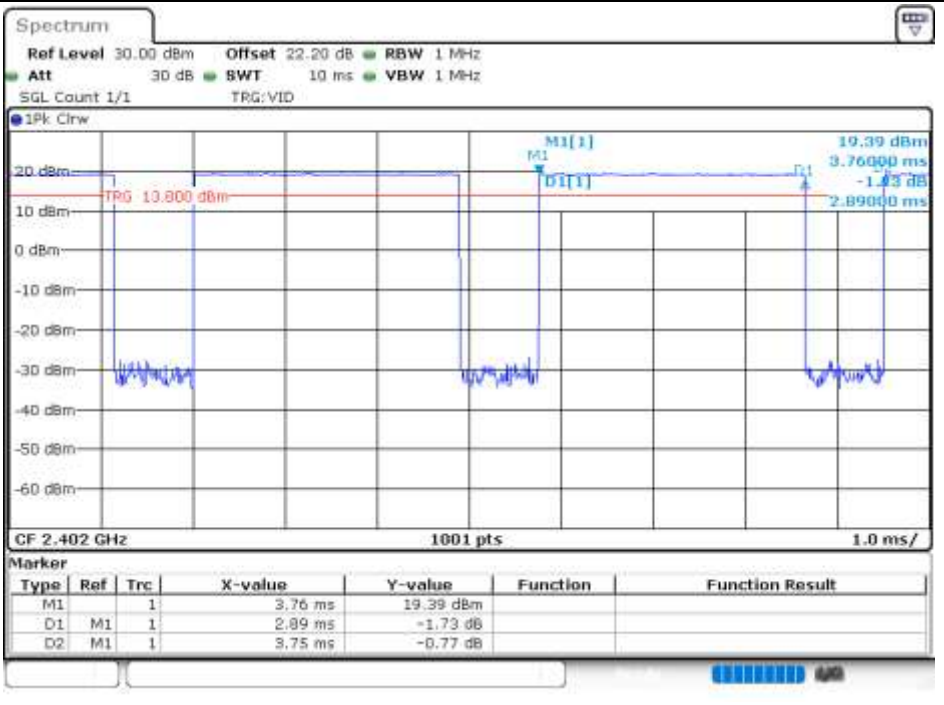
General Note:

1. For 2.4GHz Bluetooth SAR testing was selected 1Mbps, due to its highest average power.
2. The Bluetooth duty cycle are 77.07% for Ant6 and Ant7 as following figure, for Bluetooth SAR scaling need further consideration and the theoretical duty cycle is 83.3%, therefore the actual duty cycle will be scaled up to 83.3% for Bluetooth reported SAR calculation

Bluetooth time-domain plot for Ant6



Bluetooth time-domain plot for Ant7



15. Antenna Location

The detailed antenna location information can refer to SAR Test Setup Photos.

16. SAR Test Results

General Note:

1. Per KDB 447498 D01v06, the reported SAR is the measured SAR value adjusted for maximum tune-up tolerance.
   a. Tune-up scaling Factor = tune-up limit power (mW) / EUT RF power (mW), where tune-up limit is the maximum rated power among all production units.
   b. For SAR testing of WLAN signal with non-100% duty cycle, the measured SAR is scaled-up by the duty cycle scaling factor which is equal to "1/(duty cycle)"
   c. For SAR testing of Bluetooth signal with 83.3% theoretical duty cycle, the measured SAR is scaled-up by the duty cycle scaling factor which is equal to "1/(duty cycle) *83.3%".
   d. For WWAN: Reported SAR(W/kg)= Measured SAR(W/kg)*Tune-up Scaling Factor
   e. For BT/WLAN: Reported SAR(W/kg)= Measured SAR(W/kg)* Duty Cycle scaling factor * Tune-up scaling factor
   f. For TDD LTE SAR measurement of power class 3, the duty cycle 1:1.59 (62.9 %) was used perform testing and considering the theoretical duty cycle of 63.3% for extended cyclic prefix in the uplink, and the theoretical duty cycle of 62.9% for normal cyclic prefix in uplink, a scaling factor of extended cyclic prefix 63.3%/62.9% = 1.006 is applied to scale-up the measured SAR result. The reported TDD LTE SAR (W/kg) = Measured SAR (W/kg)* Tune-up Scaling Factor* scaling factor for extended cyclic prefix.
   g. For TDD LTE SAR measurement of power class 2, the duty cycle 1:2.33 (42.9 %) was used perform testing and considering the theoretical duty cycle of 43.3% for extended cyclic prefix in the uplink, and the theoretical duty cycle of 42.9% for normal cyclic prefix in uplink, a scaling factor of extended cyclic prefix 43.3%/42.9% = 1.009 is applied to scale-up the measured SAR result. The reported TDD LTE SAR (W/kg) = measured SAR (W/kg)* Tune-up Scaling Factor* scaling factor for extended cyclic prefix.
2. Per KDB 447498 D01v06, for each exposure position, testing of other required channels within the operating mode of a frequency band is not required when the *reported* 1-g or 10-g SAR for the mid-band or highest output power channel is:
   - ≤ 0.8 W/kg or 2.0 W/kg, for 1-g or 10-g respectively, when the transmission band is ≤ 100 MHz
   - ≤ 0.6 W/kg or 1.5 W/kg, for 1-g or 10-g respectively, when the transmission band is between 100 MHz and 200 MHz
   - ≤ 0.4 W/kg or 1.0 W/kg, for 1-g or 10-g respectively, when the transmission band is ≥ 200 MHz
3. Per KDB 865664 D01v01r04, for each frequency band, repeated SAR measurement is required when the measured SAR is ≥ 0.8W/kg. Per KDB 865664 D01v01r04, if the extremity repeated SAR is necessary, the same procedures should be adapted for measurements according to extremity and occupational exposure limits by applying a factor of 2.5 for extremity exposure and a factor of 5 for occupational exposure to the corresponding SAR thresholds.
4. The device implements the power management, Hall sensor and proximity sensor /receiver detection/hotspot mode for SAR compliance at different exposure conditions (head, body-worn, hotspot, extremity) and the Qualcomm smart transmit will manage to ensure the power level not exceeding the associated power table. Details about the power management decision and sensor detection are provided in the operational description. And the device will invoke corresponding work scenarios power level base on frequency bands/antennas, which can refer to power table at appendix E.
5. Per KDB648474 D04v01r03, for smart phones with a display diagonal dimension > 15.0 cm or an overall diagonal dimension > 16.0 cm, when hotspot mode applies, 10-g extremity SAR is required only for the surfaces and edges with hotspot mode 1-g reported SAR > 1.2 W/kg, however, when power reduction applies to hotspot mode the measured SAR must be scaled to the maximum output power, including tolerance, allowed for phablet modes to compare with the 1.2 W/kg SAR test reduction threshold.
   a. For this device SAR for WWAN/WLAN/BT transmitter scaled to maximum output power mode for product specific 10g SAR is higher than 1.2W/kg of GSM1900, WCDMA Band II/IV, LTE Band 2/4/7/25/30/66/38/41/42/43/48, 5GNR n2/n25/n7/n30/n38/n41/n48/n66/n70/n77/n78, WLAN2.4GHz/5.2GHz/5.8GHz, Bluetooth, therefore product specific 10g SAR is necessary.
   b. WLAN 5.3/5.5GHz tested the product specific 10g SAR since it has no hotspot mode.
   c. When 10-g product specific 10g SAR is considered, SAR thresholds is specified in the procedures for SAR test reduction and exclusion should be multiplied by 2.5.
6. Although the headset SAR is greater than 0.8 W/kg, the headset SAR verified the worst of the non-headset SAR and less than non-headset SAR, so there is no need to be tested other channels.
7. According to Nov. 2017 TCB workshop, when the reported 1gSAR for UL CA configuration is <1.2 W/kg, UL CA 1gSAR is not required for all required test channels (PCC based).
8. The EUT has two work states, flip open and flip close, SAR testing have been evaluated two states. For head mode, only flip open mode is performed SAR testing. When it is in flip close configuration since the diagonal dimension is < 160 mm,

10-g extremity SAR tests are not required. When it is in flip open configuration since the diagonal dimension is > 160 mm and < 200 mm. Therefore, 10-g extremity SAR tests are required when wireless router mode does not apply or if wireless router 1g SAR > 1.2 W/kg. Additional SAR tests for 10-g extremity SAR were evaluated per KDB 616217 Section 6.

9. LTE B5/12/13/14/71 at ant0/1, LTE B30 at ant0/2, LTE B66/2/7 at ant1/0/2/3, and 5GNR n12/14/26/71 at ant0/1, 5GNR n66/2 at ant1/0/2/3, 5GNR n30/7 at ant0/2 support different Paths for same antennas. And some LTE/NR bands support Other Path only under ENDC& UL CA. Some LTE/NR bands support different Paths for some antennas, whether it is the maximum power of Main Path is higher than and very close to the other Path, for RF exposure, after verification all Paths in a same position, so the worst-case Path was chosen to perform full SAR testing to ensure the RF exposure is compliance and another Path verified the worst case.
10. SAR is not required because the distance from the antenna to the edge is > 25 mm as per KDB 941225 D06 Hotspot SAR.
11. For Phablet devices, when hotspot mode is not supported, Product specific 10-g SAR is required for all surfaces and edges with an antenna located at ≤ 25mm from that surface or edge in direct contact with a flat phantom, to address interactive hand use exposure conditions.

GSM Note:

1. Per KDB 941225 D01v03r01, for SAR test reduction for GSM / GPRS / EDGE modes is determined by the source-based time-averaged output power including tune-up tolerance. The mode with highest specified time-averaged output power should be tested for SAR compliance in the applicable exposure conditions. For modes with the same specified maximum output power and tolerance, the higher number time-slot configuration should be tested.
2. Other configurations of GSM / GPRS / EDGE are considered as secondary modes. The 3G SAR test reduction procedure is applied, when the maximum output power and tune-up tolerance specified for production units in a secondary mode is ≤ ¼ dB higher than the primary mode, SAR measurement is not required for the secondary mode.

WCDMA Note:

1. Per KDB 941225 D01v03r01, for SAR testing is measured using a 12.2 kbps RMC with TPC bits configured to all “1’s”.
2. Per KDB 941225 D01v03r01, RMC 12.2kbps setting is used to evaluate SAR. The maximum output power and tune-up tolerance specified for production units in HSDPA / HSUPA / DC-HSDPA is ≤ ¼ dB higher than RMC 12.2Kbps or when the highest reported SAR of the RMC12.2Kbps is scaled by the ratio of specified maximum output power and tune-up tolerance of HSDPA / HSUPA / DC-HSDPA to RMC12.2Kbps and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for HSDPA / HSUPA / DC-HSDPA, and according to the following RF output power, the output power results of the secondary modes (HSDPA / HSUPA / DC-HSDPA) are less than ¼ dB higher than the primary modes; therefore, SAR measurement is not required for HSDPA / HSUPA / DC-HSDPA .

LTE Note:

1. Per KDB 941225 D05v02r05, start with the largest channel bandwidth and measure SAR for QPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel.
2. Per KDB 941225 D05v02r05, 50% RB allocation for QPSK SAR testing follows 1RB QPSK allocation procedure.
3. Per KDB 941225 D05v02r05, for QPSK with 100% RB allocation, SAR is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be tested.
4. Per KDB 941225 D05v02r05, 16QAM/64QAM/256QAM output power for each RB allocation configuration is > not ½ dB higher than the same configuration in QPSK and the reported SAR for the QPSK configuration is ≤ 1.45 W/kg; Per KDB 941225 D05v02r05, 16QAM/64QAM/256QAM SAR testing is not required.
5. Per KDB 941225 D05v02r05, smaller bandwidth output power for each RB allocation configuration is > not ½ dB higher than the same configuration in the largest supported bandwidth, and the reported SAR for the largest supported bandwidth is ≤ 1.45 W/kg; Per KDB 941225 D05v02r05, smaller bandwidth SAR testing is not required.
6. For LTE B4 / B5 / B12 / B17 / B26 / B38 / B71 the maximum bandwidth does not support three non-overlapping channels, per KDB 941225 D05v02r05, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.
7. LTE B2 / B4 / B5 / B17 / B38/B42(3550MHz~3600 MHz)/ B43 SAR test was covered by B25 / B66 / B26 / B12 / B41/ B48; according to April 2015 TCB workshop, SAR test for overlapping LTE bands can be reduced if
   a. the maximum output power, including tolerance, for the smaller band is ≤ the larger band to qualify for the SAR test exclusion
   b. the channel bandwidth and other operating parameters for the smaller band are fully supported by the larger band

5G NR Note:

1. For 5G NR test procedure was following step similar FCC KDB 941225 D05:
   a. SAR testing start with the largest channel bandwidth and measure SAR for QPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel.
   b. 50% RB allocation for QPSK SAR testing follows 1RB QPSK allocation procedure
   c. QPSK with 100% RB allocation, SAR is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be tested.
   d. PI/2 BPSK/16QAM/64QAM/256QAM output powers according to 3GPP MPR will not ½ dB higher than the same configuration in QPSK, also reported SAR for the QPSK configuration is less than 1.45 W/kg, PI/2 BPSK /16QAM/64QAM/256QAM SAR testing are not required.
   e. Smaller bandwidth output power for each RB allocation configuration for this device will not ½ dB higher than the same configuration in the largest supported bandwidth, and the reported SAR for the largest supported bandwidth is ≤ 1.45 W/kg, smaller bandwidth SAR testing is not required for this device
   f. For 5G FR1 n5/n7/n26/n66 the maximum bandwidth does not support three non-overlapping channels, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

WLAN/Bluetooth Note:

1. Per KDB 248227 D01v02r02, for 2.4GHz 802.11g/n SAR testing is not required when the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg.
2. Per KDB 248227 D01v02r02, U-NII-1 SAR testing is not required when the U-NII-2A band highest reported SAR for a test configuration is ≤ 1.2 W/kg, SAR is not required for U-NII-1 band.
3. When the reported SAR of the test position is > 0.4 W/kg, SAR is repeated for the 802.11 transmission mode configuration tested in the initial test position to measure the subsequent next closet/smallest test separation distance and maximum coupling test position on the highest maximum output power channel, until the report SAR is ≤ 0.8 W/kg or all required test position are tested.
4. For all positions / configurations, when the reported SAR is > 0.8 W/kg, SAR is measured for these test positions / configurations on the subsequent next highest measured output power channel(s) until the reported SAR is ≤ 1.2 W/kg or all required channels are tested.
5. During SAR testing the WLAN transmission was verified using a spectrum analyzer.
6. SISO and MIMO all supported by WLAN2.4GHz/WLAN5GHz, for SISO mode power is less than per chain power of MIMO mode. For WLAN SISO & MIMO mode, the whole testing has assessed only MIMO mode by referring to their higher conducted power, so only chose MIMO mode to perform SAR testing.
7. For determination of the scaling factor for report SAR of MIMO mode, if the hot spots are separated the scaling factors are individually determined from each transmit chain. Further simplification chose the worse SAR value and the worst scaling factor from each transmit chain perform reported SAR calculation conservatively. If the hot spots are not spatially separated, the scaling factor is determined from the worst number of each transmit chain.

DSI status description：

The device has the following DSI state which used at different exposure condition.

This WWAN and WLAN/BT bands enabled with Qualcomm Smart Transmit feature which located at chapter 5. The default power is Pmax power, When Plimit power higher than Pmax power, the output power will be limited at Pmax, and so the SAR will use Pmax power to do the testing.

Exposure Condition	DSI	EUT Flip State	Trigger conditions
Head	DSI 2	Flip Open	Earpiece On
Body worn	DSI 3	Flip Open	Sensor On
Extremity	DSI 6	Flip Open	Sensor On
Hotspot	DSI 7	Flip Open	Hotspot on
Body worn	DSI 10	Flip Close	Sensor On
Hotspot	DSI 11	Flip Close	Hotspot on
Body Worn / Extremity / Sensor Off	DSI 4	Flip Open/Flip Close	Sensor Off

16.1 Head SAR

<Flip Open>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
750MHz																				
	LTE Band 71	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 0	DSI 2	133322	683	22.65	24.00	1.365	-	-	-0.06	0.163	0.222
	LTE Band 71	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 0	DSI 2	133322	683	21.68	23.00	1.355	-	-	0.08	0.099	0.134
	LTE Band 71	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 0	DSI 2	133322	683	22.65	24.00	1.365	-	-	0.01	0.077	0.105
	LTE Band 71	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 0	DSI 2	133322	683	21.68	23.00	1.355	-	-	0.03	0.053	0.072
	LTE Band 71	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 0	DSI 2	133322	683	22.65	24.00	1.365	-	-	-0.08	0.103	0.141
	LTE Band 71	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 0	DSI 2	133322	683	21.68	23.00	1.355	-	-	-0.08	0.065	0.088
	LTE Band 71	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 0	DSI 2	133322	683	22.65	24.00	1.365	-	-	0.1	0.010	0.014
	LTE Band 71	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 0	DSI 2	133322	683	21.68	23.00	1.355	-	-	-0.18	0.006	0.008
	LTE Band 71_Other Path	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 0	DSI 2	133322	683	22.65	24.00	1.365	-	-	0.01	0.158	0.216
	LTE Band 71	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 1	DSI 2	133322	683	22.61	24.00	1.377	-	-	0.1	0.123	0.169
	LTE Band 71	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 1	DSI 2	133322	683	21.66	23.00	1.361	-	-	0.12	0.070	0.095
	LTE Band 71	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 1	DSI 2	133322	683	22.61	24.00	1.377	-	-	0.08	0.057	0.079
	LTE Band 71	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 1	DSI 2	133322	683	21.66	23.00	1.361	-	-	-0.17	0.038	0.052
01	LTE Band 71	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 1	DSI 2	133322	683	22.61	24.00	1.377	-	-	0.03	0.221	**0.304**
	LTE Band 71	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 1	DSI 2	133322	683	21.66	23.00	1.361	-	-	-0.03	0.117	0.159
	LTE Band 71	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 1	DSI 2	133322	683	22.61	24.00	1.377	-	-	0.14	0.106	0.146
	LTE Band 71	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 1	DSI 2	133322	683	21.66	23.00	1.361	-	-	0.11	0.057	0.078
	LTE Band 71_Other Path	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 1	DSI 2	133322	683	22.61	24.00	1.377	-	-	0.03	0.218	0.300
	LTE Band 12	10M	QPSK	1	0	-	Right Cheek	0mm	Ant 0	DSI 2	23095	707.5	22.96	24.00	1.271	-	-	0.04	0.181	0.230
	LTE Band 12	10M	QPSK	25	0	-	Right Cheek	0mm	Ant 0	DSI 2	23095	707.5	21.96	23.00	1.271	-	-	-0.05	0.098	0.125
	LTE Band 12	10M	QPSK	1	0	-	Right Tilted	0mm	Ant 0	DSI 2	23095	707.5	22.96	24.00	1.271	-	-	0.18	0.085	0.108
	LTE Band 12	10M	QPSK	25	0	-	Right Tilted	0mm	Ant 0	DSI 2	23095	707.5	21.96	23.00	1.271	-	-	0.14	0.045	0.057
	LTE Band 12	10M	QPSK	1	0	-	Left Cheek	0mm	Ant 0	DSI 2	23095	707.5	22.96	24.00	1.271	-	-	-0.17	0.109	0.138
	LTE Band 12	10M	QPSK	25	0	-	Left Cheek	0mm	Ant 0	DSI 2	23095	707.5	21.96	23.00	1.271	-	-	0.17	0.058	0.074
	LTE Band 12	10M	QPSK	1	0	-	Left Tilted	0mm	Ant 0	DSI 2	23095	707.5	22.96	24.00	1.271	-	-	-0.05	0.049	0.062
	LTE Band 12	10M	QPSK	25	0	-	Left Tilted	0mm	Ant 0	DSI 2	23095	707.5	21.96	23.00	1.271	-	-	0.01	0.021	0.027
	LTE Band 12_Other Path	10M	QPSK	1	0	-	Right Cheek	0mm	Ant 0	DSI 2	23095	707.5	22.96	24.00	1.271	-	-	0.06	0.175	0.222
	LTE Band 12	10M	QPSK	1	0	-	Right Cheek	0mm	Ant 1	DSI 2	23095	707.5	22.92	24.00	1.282	-	-	0.1	0.144	0.185
	LTE Band 12	10M	QPSK	25	0	-	Right Cheek	0mm	Ant 1	DSI 2	23095	707.5	21.92	23.00	1.282	-	-	-0.17	0.077	0.099
	LTE Band 12	10M	QPSK	1	0	-	Right Tilted	0mm	Ant 1	DSI 2	23095	707.5	22.92	24.00	1.282	-	-	0.04	0.082	0.105
	LTE Band 12	10M	QPSK	25	0	-	Right Tilted	0mm	Ant 1	DSI 2	23095	707.5	21.92	23.00	1.282	-	-	-0.01	0.041	0.053
02	LTE Band 12	10M	QPSK	1	0	-	Left Cheek	0mm	Ant 1	DSI 2	23095	707.5	22.92	24.00	1.282	-	-	-0.06	0.229	**0.294**
	LTE Band 12	10M	QPSK	25	0	-	Left Cheek	0mm	Ant 1	DSI 2	23095	707.5	21.92	23.00	1.282	-	-	-0.08	0.123	0.158
	LTE Band 12	10M	QPSK	1	0	-	Left Tilted	0mm	Ant 1	DSI 2	23095	707.5	22.92	24.00	1.282	-	-	0.05	0.111	0.142
	LTE Band 12	10M	QPSK	25	0	-	Left Tilted	0mm	Ant 1	DSI 2	23095	707.5	21.92	23.00	1.282	-	-	0.06	0.058	0.074
	LTE Band 12_Other Path	10M	QPSK	1	0	-	Left Cheek	0mm	Ant 1	DSI 2	23095	707.5	22.92	24.00	1.282	-	-	0.01	0.215	0.276
03	LTE Band 13	10M	QPSK	1	0	-	Right Cheek	0mm	Ant 0	DSI 2	23230	782	22.07	23.00	1.239	-	-	0.08	0.162	**0.201**
	LTE Band 13	10M	QPSK	25	0	-	Right Cheek	0mm	Ant 0	DSI 2	23230	782	21.06	22.00	1.242	-	-	-0.09	0.091	0.113
	LTE Band 13	10M	QPSK	1	0	-	Right Tilted	0mm	Ant 0	DSI 2	23230	782	22.07	23.00	1.239	-	-	-0.08	0.075	0.093
	LTE Band 13	10M	QPSK	25	0	-	Right Tilted	0mm	Ant 0	DSI 2	23230	782	21.06	22.00	1.242	-	-	0.13	0.040	0.050
	LTE Band 13	10M	QPSK	1	0	-	Left Cheek	0mm	Ant 0	DSI 2	23230	782	22.07	23.00	1.239	-	-	0.12	0.109	0.135
	LTE Band 13	10M	QPSK	25	0	-	Left Cheek	0mm	Ant 0	DSI 2	23230	782	21.06	22.00	1.242	-	-	0.03	0.058	0.072
	LTE Band 13	10M	QPSK	1	0	-	Left Tilted	0mm	Ant 0	DSI 2	23230	782	22.07	23.00	1.239	-	-	0.18	0.047	0.058
	LTE Band 13	10M	QPSK	25	0	-	Left Tilted	0mm	Ant 0	DSI 2	23230	782	21.06	22.00	1.242	-	-	0.16	0.022	0.027
	LTE Band 13_Other Path	10M	QPSK	1	0	-	Right Cheek	0mm	Ant 0	DSI 2	23230	782	22.07	23.00	1.239	-	-	0.06	0.158	0.196
	LTE Band 13	10M	QPSK	1	0	-	Right Cheek	0mm	Ant 1	DSI 2	23230	782	22.28	23.00	1.180	-	-	-0.1	0.130	0.153
	LTE Band 13	10M	QPSK	25	0	-	Right Cheek	0mm	Ant 1	DSI 2	23230	782	21.34	22.00	1.164	-	-	0.07	0.073	0.085
	LTE Band 13	10M	QPSK	1	0	-	Right Tilted	0mm	Ant 1	DSI 2	23230	782	22.28	23.00	1.180	-	-	0.18	0.067	0.079
	LTE Band 13	10M	QPSK	25	0	-	Right Tilted	0mm	Ant 1	DSI 2	23230	782	21.34	22.00	1.164	-	-	-0.1	0.035	0.041

	LTE Band 13	10M	QPSK	1	0	-	Left Cheek	0mm	Ant 1	DSI 2	23230	782	22.28	23.00	1.180	-	-	-0.08	0.163	0.192
	LTE Band 13	10M	QPSK	25	0	-	Left Cheek	0mm	Ant 1	DSI 2	23230	782	21.34	22.00	1.164	-	-	0.01	0.113	0.132
	LTE Band 13	10M	QPSK	1	0	-	Left Tilted	0mm	Ant 1	DSI 2	23230	782	22.28	23.00	1.180	-	-	-0.15	0.090	0.106
	LTE Band 13	10M	QPSK	25	0	-	Left Tilted	0mm	Ant 1	DSI 2	23230	782	21.34	22.00	1.164	-	-	0.19	0.050	0.058
	LTE Band 13_Other Path	10M	QPSK	1	0	-	Left Cheek	0mm	Ant 1	DSI 2	23230	782	22.28	23.00	1.180	-	-	0.09	0.159	0.188
04	LTE Band 14	10M	QPSK	1	0	-	Right Cheek	0mm	Ant 0	DSI 2	23330	793	22.50	24.00	1.413	-	-	0.08	0.186	**0.263**
	LTE Band 14	10M	QPSK	25	0	-	Right Cheek	0mm	Ant 0	DSI 2	23330	793	21.55	23.00	1.396	-	-	0.07	0.181	0.253
	LTE Band 14	10M	QPSK	1	0	-	Right Tilted	0mm	Ant 0	DSI 2	23330	793	22.50	24.00	1.413	-	-	-0.18	0.101	0.143
	LTE Band 14	10M	QPSK	25	0	-	Right Tilted	0mm	Ant 0	DSI 2	23330	793	21.55	23.00	1.396	-	-	0.03	0.081	0.113
	LTE Band 14	10M	QPSK	1	0	-	Left Cheek	0mm	Ant 0	DSI 2	23330	793	22.50	24.00	1.413	-	-	-0.15	0.156	0.220
	LTE Band 14	10M	QPSK	25	0	-	Left Cheek	0mm	Ant 0	DSI 2	23330	793	21.55	23.00	1.396	-	-	-0.15	0.123	0.172
	LTE Band 14	10M	QPSK	1	0	-	Left Tilted	0mm	Ant 0	DSI 2	23330	793	22.50	24.00	1.413	-	-	0.11	0.077	0.109
	LTE Band 14	10M	QPSK	25	0	-	Left Tilted	0mm	Ant 0	DSI 2	23330	793	21.55	23.00	1.396	-	-	-0.08	0.064	0.089
	LTE Band 14_Other Path	10M	QPSK	1	0	-	Right Cheek	0mm	Ant 0	DSI 2	23330	793	22.50	24.00	1.413	-	-	0.01	0.153	0.216
	LTE Band 14	10M	QPSK	1	0	-	Right Cheek	0mm	Ant 1	DSI 2	23330	793	22.33	23.00	1.167	-	-	-0.17	0.134	0.156
	LTE Band 14	10M	QPSK	25	0	-	Right Cheek	0mm	Ant 1	DSI 2	23330	793	21.36	22.00	1.159	-	-	-0.08	0.103	0.119
	LTE Band 14	10M	QPSK	1	0	-	Right Tilted	0mm	Ant 1	DSI 2	23330	793	22.33	23.00	1.167	-	-	-0.04	0.073	0.085
	LTE Band 14	10M	QPSK	25	0	-	Right Tilted	0mm	Ant 1	DSI 2	23330	793	21.36	22.00	1.159	-	-	-0.08	0.060	0.070
	LTE Band 14	10M	QPSK	1	0	-	Left Cheek	0mm	Ant 1	DSI 2	23330	793	22.33	23.00	1.167	-	-	-0.01	0.197	0.230
	LTE Band 14	10M	QPSK	25	0	-	Left Cheek	0mm	Ant 1	DSI 2	23330	793	21.36	22.00	1.159	-	-	0.17	0.161	0.187
	LTE Band 14	10M	QPSK	1	0	-	Left Tilted	0mm	Ant 1	DSI 2	23330	793	22.33	23.00	1.167	-	-	0.18	0.108	0.126
	LTE Band 14	10M	QPSK	25	0	-	Left Tilted	0mm	Ant 1	DSI 2	23330	793	21.36	22.00	1.159	-	-	-0.04	0.081	0.094
	LTE Band 14_Other Path	10M	QPSK	1	0	-	Left Cheek	0mm	Ant 1	DSI 2	23330	793	22.33	23.00	1.167	-	-	0.06	0.192	0.224
	FR1 n71	35M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant 0	DSI 2	136100	680.5	23.08	24.00	1.236	-	-	-0.08	0.064	0.079
	FR1 n71	35M	QPSK	90	45	DFT-SCS-15KHz	Right Cheek	0mm	Ant 0	DSI 2	136100	680.5	23.06	24.00	1.242	-	-	-0.07	0.104	0.129
	FR1 n71	35M	QPSK	1	1	DFT-SCS-15KHz	Right Tilted	0mm	Ant 0	DSI 2	136100	680.5	23.08	24.00	1.236	-	-	-0.13	0.092	0.114
	FR1 n71	35M	QPSK	90	45	DFT-SCS-15KHz	Right Tilted	0mm	Ant 0	DSI 2	136100	680.5	23.06	24.00	1.242	-	-	-0.13	0.057	0.071
	FR1 n71	35M	QPSK	1	1	DFT-SCS-15KHz	Left Cheek	0mm	Ant 0	DSI 2	136100	680.5	23.08	24.00	1.236	-	-	0.06	0.099	0.122
	FR1 n71	35M	QPSK	90	45	DFT-SCS-15KHz	Left Cheek	0mm	Ant 0	DSI 2	136100	680.5	23.06	24.00	1.242	-	-	-0.03	0.063	0.078
	FR1 n71	35M	QPSK	1	1	DFT-SCS-15KHz	Left Tilted	0mm	Ant 0	DSI 2	136100	680.5	23.08	24.00	1.236	-	-	-0.03	0.033	0.041
	FR1 n71	35M	QPSK	90	45	DFT-SCS-15KHz	Left Tilted	0mm	Ant 0	DSI 2	136100	680.5	23.06	24.00	1.242	-	-	0.08	0.020	0.025
	FR1 n71_Main PA	35M	QPSK	90	45	DFT-SCS-15KHz	Right Cheek	0mm	Ant 0	DSI 2	136100	680.5	23.26	24.00	1.186	-	-	-0.07	0.101	0.120
	FR1 n71	35M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant 1	DSI 2	136100	680.5	22.99	24.00	1.262	-	-	0.05	0.082	0.103
	FR1 n71	35M	QPSK	90	45	DFT-SCS-15KHz	Right Cheek	0mm	Ant 1	DSI 2	136100	680.5	22.81	24.00	1.315	-	-	-0.11	0.087	0.114
	FR1 n71	35M	QPSK	1	1	DFT-SCS-15KHz	Right Tilted	0mm	Ant 1	DSI 2	136100	680.5	22.99	24.00	1.262	-	-	-0.12	0.012	0.015
	FR1 n71	35M	QPSK	90	45	DFT-SCS-15KHz	Right Tilted	0mm	Ant 1	DSI 2	136100	680.5	22.81	24.00	1.315	-	-	0.03	0.009	0.012
	FR1 n71	35M	QPSK	1	1	DFT-SCS-15KHz	Left Cheek	0mm	Ant 1	DSI 2	136100	680.5	22.99	24.00	1.262	-	-	-0.16	0.141	0.178
05	FR1 n71	35M	QPSK	90	45	DFT-SCS-15KHz	Left Cheek	0mm	Ant 1	DSI 2	136100	680.5	22.81	24.00	1.315	-	-	0.02	0.146	**0.192**
	FR1 n71	35M	QPSK	1	1	DFT-SCS-15KHz	Left Tilted	0mm	Ant 1	DSI 2	136100	680.5	22.99	24.00	1.262	-	-	-0.02	0.080	0.101
	FR1 n71	35M	QPSK	90	45	DFT-SCS-15KHz	Left Tilted	0mm	Ant 1	DSI 2	136100	680.5	22.81	24.00	1.315	-	-	0.15	0.074	0.097
	FR1 n71_Other Path	35M	QPSK	90	45	DFT-SCS-15KHz	Left Cheek	0mm	Ant 1	DSI 2	136100	680.5	23.02	24.00	1.253	-	-	0.02	0.145	0.182
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant 0	DSI 2	141500	707.5	23.64	24.50	1.219	-	-	-0.09	0.102	0.124
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Right Cheek	0mm	Ant 0	DSI 2	141500	707.5	23.60	24.50	1.230	-	-	0.11	0.109	0.134
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Right Tilted	0mm	Ant 0	DSI 2	141500	707.5	23.64	24.50	1.219	-	-	-0.05	0.061	0.074
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Right Tilted	0mm	Ant 0	DSI 2	141500	707.5	23.60	24.50	1.230	-	-	-0.08	0.068	0.084
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Left Cheek	0mm	Ant 0	DSI 2	141500	707.5	23.64	24.50	1.219	-	-	0.16	0.081	0.099
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Left Cheek	0mm	Ant 0	DSI 2	141500	707.5	23.60	24.50	1.230	-	-	0.05	0.077	0.095
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Left Tilted	0mm	Ant 0	DSI 2	141500	707.5	23.64	24.50	1.219	-	-	0.05	0.043	0.052
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Left Tilted	0mm	Ant 0	DSI 2	141500	707.5	23.60	24.50	1.230	-	-	-0.03	0.046	0.057
	FR1 n12_Other Path	15M	QPSK	36	22	DFT-SCS-15KHz	Right Cheek	0mm	Ant 0	DSI 2	141500	707.5	23.76	24.50	1.186	-	-	-0.15	0.093	0.110
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant 1	DSI 2	141500	707.5	23.47	24.00	1.130	-	-	0.02	0.085	0.096
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Right Cheek	0mm	Ant 1	DSI 2	141500	707.5	23.39	24.00	1.151	-	-	0.07	0.077	0.089
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Right Tilted	0mm	Ant 1	DSI 2	141500	707.5	23.47	24.00	1.130	-	-	0.16	0.050	0.056
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Right Tilted	0mm	Ant 1	DSI 2	141500	707.5	23.39	24.00	1.151	-	-	0.13	0.048	0.055
06	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Left Cheek	0mm	Ant 1	DSI 2	141500	707.5	23.47	24.00	1.130	-	-	0.08	0.143	**0.162**
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Left Cheek	0mm	Ant 1	DSI 2	141500	707.5	23.39	24.00	1.151	-	-	-0.18	0.139	0.160

	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Left Tilted	0mm	Ant 1	DSI 2	141500	707.5	23.47	24.00	1.130	-	-	0.02	0.079	0.089
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Left Tilted	0mm	Ant 1	DSI 2	141500	707.5	23.39	24.00	1.151	-	-	0.16	0.075	0.086
	FR1 n12_Other Path	15M	QPSK	1	1	DFT-SCS-15KHz	Left Cheek	0mm	Ant 1	DSI 2	141500	707.5	23.52	24.00	1.117	-	-	0.08	0.140	0.156
	FR1 n14	10M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant 0	DSI 2	158600	793	23.70	24.50	1.202	-	-	-0.03	0.152	0.183
07	FR1 n14	10M	QPSK	25	14	DFT-SCS-15KHz	Right Cheek	0mm	Ant 0	DSI 2	158600	793	23.61	24.50	1.227	-	-	-0.01	0.161	**0.198**
	FR1 n14	10M	QPSK	1	1	DFT-SCS-15KHz	Right Tilted	0mm	Ant 0	DSI 2	158600	793	23.70	24.50	1.202	-	-	0.07	0.082	0.099
	FR1 n14	10M	QPSK	25	14	DFT-SCS-15KHz	Right Tilted	0mm	Ant 0	DSI 2	158600	793	23.61	24.50	1.227	-	-	-0.09	0.087	0.107
	FR1 n14	10M	QPSK	1	1	DFT-SCS-15KHz	Left Cheek	0mm	Ant 0	DSI 2	158600	793	23.70	24.50	1.202	-	-	0.01	0.095	0.114
	FR1 n14	10M	QPSK	25	14	DFT-SCS-15KHz	Left Cheek	0mm	Ant 0	DSI 2	158600	793	23.61	24.50	1.227	-	-	-0.01	0.103	0.126
	FR1 n14	10M	QPSK	1	1	DFT-SCS-15KHz	Left Tilted	0mm	Ant 0	DSI 2	158600	793	23.70	24.50	1.202	-	-	-0.06	0.059	0.071
	FR1 n14	10M	QPSK	25	14	DFT-SCS-15KHz	Left Tilted	0mm	Ant 0	DSI 2	158600	793	23.61	24.50	1.227	-	-	-0.04	0.061	0.075
	FR1 n14_Other Path	10M	QPSK	25	14	DFT-SCS-15KHz	Right Cheek	0mm	Ant 0	DSI 2	158600	793	23.33	24.00	1.167	-	-	-0.01	0.160	0.187
	FR1 n14	10M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant 1	DSI 2	158600	793	23.39	24.00	1.151	-	-	-0.17	0.065	0.075
	FR1 n14	10M	QPSK	25	14	DFT-SCS-15KHz	Right Cheek	0mm	Ant 1	DSI 2	158600	793	23.30	24.00	1.175	-	-	-0.1	0.070	0.082
	FR1 n14	10M	QPSK	1	1	DFT-SCS-15KHz	Right Tilted	0mm	Ant 1	DSI 2	158600	793	23.39	24.00	1.151	-	-	0.18	0.084	0.097
	FR1 n14	10M	QPSK	25	14	DFT-SCS-15KHz	Right Tilted	0mm	Ant 1	DSI 2	158600	793	23.30	24.00	1.175	-	-	-0.17	0.046	0.054
	FR1 n14	10M	QPSK	1	1	DFT-SCS-15KHz	Left Cheek	0mm	Ant 1	DSI 2	158600	793	23.39	24.00	1.151	-	-	-0.04	0.128	0.147
	FR1 n14	10M	QPSK	25	14	DFT-SCS-15KHz	Left Cheek	0mm	Ant 1	DSI 2	158600	793	23.30	24.00	1.175	-	-	-0.17	0.130	0.153
	FR1 n14	10M	QPSK	1	1	DFT-SCS-15KHz	Left Tilted	0mm	Ant 1	DSI 2	158600	793	23.39	24.00	1.151	-	-	-0.05	0.067	0.077
	FR1 n14	10M	QPSK	25	14	DFT-SCS-15KHz	Left Tilted	0mm	Ant 1	DSI 2	158600	793	23.30	24.00	1.175	-	-	-0.13	0.070	0.082
	FR1 n14_Other Path	10M	QPSK	25	14	DFT-SCS-15KHz	Left Cheek	0mm	Ant 1	DSI 2	158600	793	23.09	24.00	1.233	-	-	-0.03	0.121	0.149
835MHz																				
	GSM850	-	-	-	-	GPRS (3 Tx slots)	Right Cheek	0mm	Ant 0	DSI 2	189	836.4	28.07	29.00	1.239	-	-	0.01	0.150	0.186
	GSM850	-	-	-	-	GPRS (3 Tx slots)	Right Tilted	0mm	Ant 0	DSI 2	189	836.4	28.07	29.00	1.239	-	-	-0.01	0.090	0.111
	GSM850	-	-	-	-	GPRS (3 Tx slots)	Left Cheek	0mm	Ant 0	DSI 2	189	836.4	28.07	29.00	1.239	-	-	-0.09	0.100	0.124
	GSM850	-	-	-	-	GPRS (3 Tx slots)	Left Tilted	0mm	Ant 0	DSI 2	189	836.4	28.07	29.00	1.239	-	-	0.05	0.043	0.053
	GSM850	-	-	-	-	GPRS (3 Tx slots)	Right Cheek	0mm	Ant 1	DSI 2	189	836.4	27.48	29.00	1.419	-	-	0.02	0.143	0.203
	GSM850	-	-	-	-	GPRS (3 Tx slots)	Right Tilted	0mm	Ant 1	DSI 2	189	836.4	27.48	29.00	1.419	-	-	-0.13	0.091	0.129
08	GSM850	-	-	-	-	GPRS (3 Tx slots)	Left Cheek	0mm	Ant 1	DSI 2	189	836.4	27.48	29.00	1.419	-	-	0.01	0.240	**0.341**
	GSM850	-	-	-	-	GPRS (3 Tx slots)	Left Tilted	0mm	Ant 1	DSI 2	189	836.4	27.48	29.00	1.419	-	-	0.17	0.126	0.179
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Right Cheek	0mm	Ant 0	DSI 2	4182	836.4	23.26	24.00	1.186	-	-	0.11	0.162	0.192
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Right Tilted	0mm	Ant 0	DSI 2	4182	836.4	23.26	24.00	1.186	-	-	0.06	0.099	0.117
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Left Cheek	0mm	Ant 0	DSI 2	4182	836.4	23.26	24.00	1.186	-	-	0.02	0.107	0.127
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Left Tilted	0mm	Ant 0	DSI 2	4182	836.4	23.26	24.00	1.186	-	-	-0.04	0.069	0.082
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Right Cheek	0mm	Ant 1	DSI 2	4182	836.4	23.66	24.00	1.081	-	-	0.08	0.195	0.211
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Right Tilted	0mm	Ant 1	DSI 2	4182	836.4	23.66	24.00	1.081	-	-	0.01	0.093	0.101
09	WCDMA V	-	-	-	-	RMC 12.2Kbps	Left Cheek	0mm	Ant 1	DSI 2	4182	836.4	23.66	24.00	1.081	-	-	-0.04	0.278	**0.301**
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Left Tilted	0mm	Ant 1	DSI 2	4182	836.4	23.66	24.00	1.081	-	-	0.03	0.137	0.148
	LTE Band 26	15M	QPSK	1	0	-	Right Cheek	0mm	Ant 0	DSI 2	26865	831.5	22.85	24.00	1.303	-	-	-0.05	0.170	0.222
	LTE Band 26	15M	QPSK	36	0	-	Right Cheek	0mm	Ant 0	DSI 2	26865	831.5	21.87	23.00	1.297	-	-	-0.08	0.087	0.113
	LTE Band 26	15M	QPSK	1	0	-	Right Tilted	0mm	Ant 0	DSI 2	26865	831.5	22.85	24.00	1.303	-	-	-0.08	0.079	0.103
	LTE Band 26	15M	QPSK	36	0	-	Right Tilted	0mm	Ant 0	DSI 2	26865	831.5	21.87	23.00	1.297	-	-	0.1	0.036	0.047
	LTE Band 26	15M	QPSK	1	0	-	Left Cheek	0mm	Ant 0	DSI 2	26865	831.5	22.85	24.00	1.303	-	-	-0.18	0.109	0.142
	LTE Band 26	15M	QPSK	36	0	-	Left Cheek	0mm	Ant 0	DSI 2	26865	831.5	21.87	23.00	1.297	-	-	0.1	0.059	0.077
	LTE Band 26	15M	QPSK	1	0	-	Left Tilted	0mm	Ant 0	DSI 2	26865	831.5	22.85	24.00	1.303	-	-	0.12	0.061	0.079
	LTE Band 26	15M	QPSK	36	0	-	Left Tilted	0mm	Ant 0	DSI 2	26865	831.5	21.87	23.00	1.297	-	-	0.08	0.029	0.038
	LTE Band 5_Other Path	10M	QPSK	1	0	-	Right Cheek	0mm	Ant 0	DSI 2	20525	836.5	22.78	24.00	1.324	-	-	0.05	0.155	0.205
	LTE Band 5B	10M	QPSK	1	49	-	Right Cheek	0mm	Ant 0	DSI 2	20476+ 20575	831.6+ 841.5	22.63	24.00	1.371	-	-	0.02	0.155	0.212
	LTE Band 26	15M	QPSK	1	0	-	Right Cheek	0mm	Ant 1	DSI 2	26865	831.5	22.46	24.00	1.426	-	-	-0.1	0.157	0.224
	LTE Band 26	15M	QPSK	36	0	-	Right Cheek	0mm	Ant 1	DSI 2	26865	831.5	21.49	23.00	1.416	-	-	0.07	0.083	0.118
	LTE Band 26	15M	QPSK	1	0	-	Right Tilted	0mm	Ant 1	DSI 2	26865	831.5	22.46	24.00	1.426	-	-	0.18	0.077	0.110
	LTE Band 26	15M	QPSK	36	0	-	Right Tilted	0mm	Ant 1	DSI 2	26865	831.5	21.49	23.00	1.416	-	-	-0.1	0.039	0.055
10	LTE Band 26	15M	QPSK	1	0	-	Left Cheek	0mm	Ant 1	DSI 2	26865	831.5	22.46	24.00	1.426	-	-	-0.04	0.231	**0.329**
	LTE Band 26	15M	QPSK	36	0	-	Left Cheek	0mm	Ant 1	DSI 2	26865	831.5	21.49	23.00	1.416	-	-	0.01	0.115	0.163

	LTE Band 26	15M	QPSK	1	0	-	Left Tilted	0mm	Ant 1	DSI 2	26865	831.5	22.46	24.00	1.426	-	-	-0.15	0.118	0.168
	LTE Band 26	15M	QPSK	36	0	-	Left Tilted	0mm	Ant 1	DSI 2	26865	831.5	21.49	23.00	1.416	-	-	0.19	0.061	0.086
	LTE Band 5_Other Path	10M	QPSK	1	0	-	Left Cheek	0mm	Ant 1	DSI 2	20525	836.5	22.28	24.00	1.486	-	-	0.06	0.205	0.305
	LTE Band 5B	10M	QPSK	1	49	-	Left Cheek	0mm	Ant 1	DSI 2	20476+ 20575	831.6+ 841.5	22.15	24.00	1.531	-	-	0.02	0.209	0.320
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant 0	DSI 2	166300	831.5	23.60	24.00	1.096	-	-	0.01	0.133	0.146
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Right Cheek	0mm	Ant 0	DSI 2	166300	831.5	23.44	24.00	1.138	-	-	0.18	0.120	0.137
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Right Tilted	0mm	Ant 0	DSI 2	166300	831.5	23.60	24.00	1.096	-	-	-0.08	0.072	0.079
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Right Tilted	0mm	Ant 0	DSI 2	166300	831.5	23.44	24.00	1.138	-	-	0.04	0.072	0.082
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Left Cheek	0mm	Ant 0	DSI 2	166300	831.5	23.60	24.00	1.096	-	-	-0.07	0.085	0.093
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Left Cheek	0mm	Ant 0	DSI 2	166300	831.5	23.44	24.00	1.138	-	-	0.13	0.090	0.102
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Left Tilted	0mm	Ant 0	DSI 2	166300	831.5	23.60	24.00	1.096	-	-	-0.07	0.058	0.064
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Left Tilted	0mm	Ant 0	DSI 2	166300	831.5	23.44	24.00	1.138	-	-	0.11	0.055	0.063
	FR1 n26_Other Path	20M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant 0	DSI 2	166300	831.5	23.33	24.00	1.167	-	-	0.01	0.121	0.141
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant 1	DSI 2	166300	831.5	23.20	24.00	1.202	-	-	-0.12	0.091	0.109
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Right Cheek	0mm	Ant 1	DSI 2	166300	831.5	23.10	24.00	1.230	-	-	-0.08	0.088	0.108
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Right Tilted	0mm	Ant 1	DSI 2	166300	831.5	23.20	24.00	1.202	-	-	-0.16	0.052	0.063
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Right Tilted	0mm	Ant 1	DSI 2	166300	831.5	23.10	24.00	1.230	-	-	-0.07	0.052	0.064
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Left Cheek	0mm	Ant 1	DSI 2	166300	831.5	23.20	24.00	1.202	-	-	-0.02	0.149	0.179
11	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Left Cheek	0mm	Ant 1	DSI 2	166300	831.5	23.10	24.00	1.230	-	-	0.05	0.156	**0.192**
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Left Tilted	0mm	Ant 1	DSI 2	166300	831.5	23.20	24.00	1.202	-	-	0.04	0.084	0.101
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Left Tilted	0mm	Ant 1	DSI 2	166300	831.5	23.10	24.00	1.230	-	-	-0.18	0.083	0.102
	FR1 n26_Other Path	20M	QPSK	50	28	DFT-SCS-15KHz	Left Cheek	0mm	Ant 1	DSI 2	166300	831.5	23.18	24.00	1.208	-	-	0.05	0.149	0.180
	1750MHz																			
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Right Cheek	0mm	Ant 2	DSI 2	1413	1732.6	17.82	18.90	1.282	-	-	0.07	0.915	1.173
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Right Cheek	0mm	Ant 2	DSI 2	1312	1712.4	17.74	18.90	1.306	-	-	-0.18	0.949	1.240
12	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Right Cheek	0mm	Ant 2	DSI 2	1513	1752.6	17.72	18.90	1.312	-	-	-0.03	0.967	**1.269**
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Right Tilted	0mm	Ant 2	DSI 2	1413	1732.6	17.82	18.90	1.282	-	-	0.03	0.191	0.245
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Left Cheek	0mm	Ant 2	DSI 2	1413	1732.6	17.82	18.90	1.282	-	-	0.11	0.430	0.551
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Left Tilted	0mm	Ant 2	DSI 2	1413	1732.6	17.82	18.90	1.282	-	-	-0.08	0.103	0.132
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Right Cheek	0mm	Ant 0	DSI 2	1413	1732.6	23.12	24.00	1.225	-	-	-0.04	0.075	0.092
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Right Tilted	0mm	Ant 0	DSI 2	1413	1732.6	23.12	24.00	1.225	-	-	-0.08	0.054	0.066
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Left Cheek	0mm	Ant 0	DSI 2	1413	1732.6	23.12	24.00	1.225	-	-	0.18	0.124	0.152
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Left Tilted	0mm	Ant 0	DSI 2	1413	1732.6	23.12	24.00	1.225	-	-	0.17	0.042	0.051
13	LTE Band 66	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 2	DSI 2	132322	1745	18.18	19.20	1.265	-	-	-0.07	1.020	**1.290**
	LTE Band 66	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 2	DSI 2	132072	1720	18.01	19.20	1.315	-	-	0.18	0.850	1.118
	LTE Band 66	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 2	DSI 2	132572	1770	17.90	19.20	1.349	-	-	-0.04	0.900	1.214
	LTE Band 66	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 2	DSI 2	132322	1745	18.09	19.20	1.291	-	-	-0.08	0.558	0.721
	LTE Band 66	20M	QPSK	100	0	-	Right Cheek	0mm	Ant 2	DSI 2	132322	1745	18.02	19.20	1.312	-	-	0.06	0.550	0.722
	LTE Band 66	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 2	DSI 2	132322	1745	18.18	19.20	1.265	-	-	-0.03	0.272	0.344
	LTE Band 66	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 2	DSI 2	132322	1745	18.09	19.20	1.291	-	-	-0.07	0.152	0.196
	LTE Band 66	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 2	DSI 2	132322	1745	18.18	19.20	1.265	-	-	0.03	0.480	0.607
	LTE Band 66	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 2	DSI 2	132322	1745	18.09	19.20	1.291	-	-	0.15	0.262	0.338
	LTE Band 66	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 2	DSI 2	132322	1745	18.18	19.20	1.265	-	-	-0.08	0.154	0.195
	LTE Band 66	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 2	DSI 2	132322	1745	18.09	19.20	1.291	-	-	0.05	0.084	0.108
	LTE Band 66_Other Path	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 2	DSI 2	132322	1745	18.18	19.20	1.265	-	-	0.06	1.000	1.265
	LTE Band 66	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 3	DSI 2	132322	1745	18.85	20.10	1.334	-	-	-0.15	0.632	0.843
	LTE Band 66	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 3	DSI 2	132072	1720	18.67	20.10	1.390	-	-	0.02	0.637	0.885
	LTE Band 66	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 3	DSI 2	132572	1770	18.69	20.10	1.384	-	-	0.07	0.635	0.879
	LTE Band 66	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 3	DSI 2	132322	1745	18.81	20.10	1.346	-	-	0.16	0.335	0.451
	LTE Band 66	20M	QPSK	100	0	-	Right Cheek	0mm	Ant 3	DSI 2	132322	1745	18.79	20.10	1.352	-	-	0.02	0.332	0.449
	LTE Band 66	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 3	DSI 2	132322	1745	18.85	20.10	1.334	-	-	0.16	0.906	1.208
	LTE Band 66	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 3	DSI 2	132072	1720	18.67	20.10	1.390	-	-	-0.03	0.876	1.218
	LTE Band 66	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 3	DSI 2	132572	1770	18.69	20.10	1.384	-	-	0.02	0.927	1.283
	LTE Band 66	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 3	DSI 2	132322	1745	18.81	20.10	1.346	-	-	0.07	0.494	0.665
	LTE Band 66	20M	QPSK	100	0	-	Right Tilted	0mm	Ant 3	DSI 2	132322	1745	18.79	20.10	1.352	-	-	-0.01	0.499	0.675
	LTE Band 66	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 3	DSI 2	132322	1745	18.85	20.10	1.334	-	-	-0.06	0.417	0.556

	LTE Band 66	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 3	DSI 2	132322	1745	18.81	20.10	1.346	-	-	-0.17	0.220	0.296
	LTE Band 66	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 3	DSI 2	132322	1745	18.85	20.10	1.334	-	-	-0.04	0.478	0.637
	LTE Band 66	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 3	DSI 2	132322	1745	18.81	20.10	1.346	-	-	-0.13	0.247	0.332
	LTE Band 66_Other Path	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 3	DSI 2	132572	1770	18.69	20.10	1.384	-	-	0.06	0.915	1.266
	LTE Band 66	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 0	DSI 2	132322	1745	22.31	24.00	1.476	-	-	0.17	0.068	0.100
	LTE Band 66	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 0	DSI 2	132322	1745	21.34	23.00	1.466	-	-	0.06	0.055	0.081
	LTE Band 66	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 0	DSI 2	132322	1745	22.31	24.00	1.476	-	-	0.01	0.030	0.044
	LTE Band 66	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 0	DSI 2	132322	1745	21.34	23.00	1.466	-	-	-0.04	0.021	0.031
	LTE Band 66	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 0	DSI 2	132322	1745	22.31	24.00	1.476	-	-	-0.15	0.076	0.112
	LTE Band 66	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 0	DSI 2	132322	1745	21.34	23.00	1.466	-	-	0.11	0.046	0.067
	LTE Band 66	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 0	DSI 2	132322	1745	22.31	24.00	1.476	-	-	-0.02	0.036	0.053
	LTE Band 66	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 0	DSI 2	132322	1745	21.34	23.00	1.466	-	-	0.1	0.028	0.041
	LTE Band 66_Other Path	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 0	DSI 2	132322	1745	22.31	24.00	1.476	-	-	0.05	0.072	0.106
	LTE Band 66	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 1	DSI 2	132322	1745	22.08	23.00	1.236	-	-	0.13	0.053	0.066
	LTE Band 66	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 1	DSI 2	132322	1745	21.08	22.00	1.236	-	-	-0.18	0.042	0.052
	LTE Band 66	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 1	DSI 2	132322	1745	22.08	23.00	1.236	-	-	-0.11	0.022	0.027
	LTE Band 66	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 1	DSI 2	132322	1745	21.08	22.00	1.236	-	-	-0.16	0.015	0.019
	LTE Band 66	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 1	DSI 2	132322	1745	22.08	23.00	1.236	-	-	-0.15	0.056	0.069
	LTE Band 66	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 1	DSI 2	132322	1745	21.08	22.00	1.236	-	-	-0.06	0.044	0.054
	LTE Band 66	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 1	DSI 2	132322	1745	22.08	23.00	1.236	-	-	-0.14	0.032	0.040
	LTE Band 66	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 1	DSI 2	132322	1745	21.08	22.00	1.236	-	-	-0.19	0.026	0.032
	LTE Band 66_Other Path	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 1	DSI 2	132322	1745	22.08	23.00	1.236	-	-	0.06	0.052	0.064
14	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant 2	DSI 2	349000	1745	17.53	18.60	1.279	-	-	-0.09	1.010	**1.292**
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Right Cheek	0mm	Ant 2	DSI 2	349000	1745	17.45	18.60	1.303	-	-	-0.14	0.915	1.192
	FR1 n66	45M	QPSK	240	0	DFT-SCS-15KHz	Right Cheek	0mm	Ant 2	DSI 2	349000	1745	17.39	18.60	1.321	-	-	-0.07	0.732	0.967
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Right Tilted	0mm	Ant 2	DSI 2	349000	1745	17.53	18.60	1.279	-	-	0.1	0.251	0.321
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Right Tilted	0mm	Ant 2	DSI 2	349000	1745	17.45	18.60	1.303	-	-	0.05	0.231	0.301
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Left Cheek	0mm	Ant 2	DSI 2	349000	1745	17.53	18.60	1.279	-	-	0.18	0.448	0.573
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Left Cheek	0mm	Ant 2	DSI 2	349000	1745	17.45	18.60	1.303	-	-	0.12	0.403	0.525
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Left Tilted	0mm	Ant 2	DSI 2	349000	1745	17.53	18.60	1.279	-	-	0.04	0.146	0.187
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Left Tilted	0mm	Ant 2	DSI 2	349000	1745	17.45	18.60	1.303	-	-	-0.12	0.131	0.171
	FR1 n66_Main PA	45M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant 2	DSI 2	349000	1745	17.48	18.60	1.294	-	-	0.01	0.900	1.165
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant 3	DSI 2	349000	1745	18.98	20.00	1.265	-	-	0.15	1.000	1.265
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Right Cheek	0mm	Ant 3	DSI 2	349000	1745	18.86	20.00	1.300	-	-	-0.07	0.990	1.287
	FR1 n66	45M	QPSK	240	0	DFT-SCS-15KHz	Right Cheek	0mm	Ant 3	DSI 2	349000	1745	18.78	20.00	1.324	-	-	0.04	0.794	1.052
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Right Tilted	0mm	Ant 3	DSI 2	349000	1745	18.98	20.00	1.265	-	-	-0.08	1.020	1.290
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Right Tilted	0mm	Ant 3	DSI 2	349000	1745	18.86	20.00	1.300	-	-	0.04	0.977	1.270
	FR1 n66	45M	QPSK	240	0	DFT-SCS-15KHz	Right Tilted	0mm	Ant 3	DSI 2	349000	1745	18.78	20.00	1.324	-	-	0.1	0.785	1.040
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Left Cheek	0mm	Ant 3	DSI 2	349000	1745	18.98	20.00	1.265	-	-	0.08	0.461	0.583
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Left Cheek	0mm	Ant 3	DSI 2	349000	1745	18.86	20.00	1.300	-	-	0.07	0.482	0.627
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Left Tilted	0mm	Ant 3	DSI 2	349000	1745	18.98	20.00	1.265	-	-	-0.09	0.568	0.718
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Left Tilted	0mm	Ant 3	DSI 2	349000	1745	18.86	20.00	1.300	-	-	0.02	0.555	0.722
	FR1 n66_code2	45M	QPSK	1	1	DFT-SCS-15KHz	Right Tilted	0mm	Ant 3	DSI 2	349000	1745	18.98	20.00	1.265	-	-	-0.09	0.443	0.560
	FR1 n66_Main PA	45M	QPSK	1	1	DFT-SCS-15KHz	Right Tilted	0mm	Ant 3	DSI 2	349000	1745	18.79	20.00	1.321	-	-	0.11	0.924	1.221
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant 0	DSI 2	349000	1745	23.18	24.00	1.208	-	-	-0.03	0.055	0.066
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Right Cheek	0mm	Ant 0	DSI 2	349000	1745	23.08	24.00	1.236	-	-	-0.06	0.043	0.053
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Right Tilted	0mm	Ant 0	DSI 2	349000	1745	23.18	24.00	1.208	-	-	0.18	0.020	0.024
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Right Tilted	0mm	Ant 0	DSI 2	349000	1745	23.08	24.00	1.236	-	-	0.01	0.011	0.014
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Left Cheek	0mm	Ant 0	DSI 2	349000	1745	23.18	24.00	1.208	-	-	0.03	0.078	0.094
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Left Cheek	0mm	Ant 0	DSI 2	349000	1745	23.08	24.00	1.236	-	-	-0.01	0.087	0.108
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Left Tilted	0mm	Ant 0	DSI 2	349000	1745	23.18	24.00	1.208	-	-	-0.18	0.032	0.039
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Left Tilted	0mm	Ant 0	DSI 2	349000	1745	23.08	24.00	1.236	-	-	-0.05	0.021	0.026
	FR1 n66_Other Path	45M	QPSK	120	60	DFT-SCS-15KHz	Left Cheek	0mm	Ant 0	DSI 2	349000	1745	23.19	24.00	1.205	-	-	-0.14	0.089	0.107
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant 1	DSI 2	349000	1745	22.28	23.00	1.180	-	-	-0.13	0.021	0.025
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Right Cheek	0mm	Ant 1	DSI 2	349000	1745	22.25	23.00	1.189	-	-	-0.11	0.016	0.019
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Right Tilted	0mm	Ant 1	DSI 2	349000	1745	22.28	23.00	1.180	-	-	-0.05	0.013	0.015

	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Right Tilted	0mm	Ant 1	DSI 2	349000	1745	22.25	23.00	1.189	-	-	-0.15	0.008	0.010
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Left Cheek	0mm	Ant 1	DSI 2	349000	1745	22.28	23.00	1.180	-	-	0.04	0.032	0.038
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Left Cheek	0mm	Ant 1	DSI 2	349000	1745	22.25	23.00	1.189	-	-	0.08	0.026	0.031
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Left Tilted	0mm	Ant 1	DSI 2	349000	1745	22.28	23.00	1.180	-	-	-0.02	0.010	0.012
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Left Tilted	0mm	Ant 1	DSI 2	349000	1745	22.25	23.00	1.189	-	-	-0.03	0.006	0.007
	FR1 n66_Other Path	45M	QPSK	1	1	DFT-SCS-15KHz	Left Cheek	0mm	Ant 1	DSI 2	349000	1745	22.87	24.00	1.297	-	-	-0.06	0.028	0.036
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant 2	DSI 2	340500	1702.5	18.48	19.50	1.265	-	-	-0.02	1.010	1.277
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Right Cheek	0mm	Ant 2	DSI 2	340500	1702.5	18.46	19.50	1.271	-	-	0.08	0.915	1.163
	FR1 n70	15M	QPSK	75	0	DFT-SCS-15KHz	Right Cheek	0mm	Ant 2	DSI 2	340500	1702.5	18.43	19.50	1.279	-	-	-0.11	0.759	0.971
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Right Tilted	0mm	Ant 2	DSI 2	340500	1702.5	18.48	19.50	1.265	-	-	-0.17	0.263	0.333
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Right Tilted	0mm	Ant 2	DSI 2	340500	1702.5	18.46	19.50	1.271	-	-	0.15	0.236	0.300
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Left Cheek	0mm	Ant 2	DSI 2	340500	1702.5	18.48	19.50	1.265	-	-	-0.02	0.445	0.563
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Left Cheek	0mm	Ant 2	DSI 2	340500	1702.5	18.46	19.50	1.271	-	-	0.09	0.396	0.503
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Left Tilted	0mm	Ant 2	DSI 2	340500	1702.5	18.48	19.50	1.265	-	-	0.12	0.152	0.192
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Left Tilted	0mm	Ant 2	DSI 2	340500	1702.5	18.46	19.50	1.271	-	-	-0.11	0.135	0.172
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant 3	DSI 2	340500	1702.5	20.48	21.70	1.324	-	-	-0.06	0.953	1.262
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Right Cheek	0mm	Ant 3	DSI 2	340500	1702.5	20.38	21.70	1.355	-	-	-0.01	0.874	1.184
	FR1 n70	15M	QPSK	75	0	DFT-SCS-15KHz	Right Cheek	0mm	Ant 3	DSI 2	340500	1702.5	20.37	21.70	1.358	-	-	0.14	0.688	0.935
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Right Tilted	0mm	Ant 3	DSI 2	340500	1702.5	20.48	21.70	1.324	-	-	0.12	0.732	0.969
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Right Tilted	0mm	Ant 3	DSI 2	340500	1702.5	20.38	21.70	1.355	-	-	-0.03	0.702	0.951
	FR1 n70	15M	QPSK	75	0	DFT-SCS-15KHz	Right Tilted	0mm	Ant 3	DSI 2	340500	1702.5	20.37	21.70	1.358	-	-	-0.01	0.585	0.795
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Left Cheek	0mm	Ant 3	DSI 2	340500	1702.5	20.48	21.70	1.324	-	-	-0.06	0.624	0.826
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Left Cheek	0mm	Ant 3	DSI 2	340500	1702.5	20.38	21.70	1.355	-	-	-0.1	0.590	0.800
	FR1 n70	15M	QPSK	75	0	DFT-SCS-15KHz	Left Cheek	0mm	Ant 3	DSI 2	340500	1702.5	20.37	21.70	1.358	-	-	0.12	0.547	0.743
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Left Tilted	0mm	Ant 3	DSI 2	340500	1702.5	20.48	21.70	1.324	-	-	0.02	0.688	0.911
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Left Tilted	0mm	Ant 3	DSI 2	340500	1702.5	20.38	21.70	1.355	-	-	0.01	0.669	0.907
	FR1 n70	15M	QPSK	75	0	DFT-SCS-15KHz	Left Tilted	0mm	Ant 3	DSI 2	340500	1702.5	20.37	21.70	1.358	-	-	0.05	0.596	0.810
15	FR1 n70_code2	15M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant 3	DSI 2	340500	1702.5	20.48	21.70	1.324	-	-	0.04	0.978	**1.295**
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant 0	DSI 2	340500	1702.5	22.71	24.00	1.346	-	-	-0.16	0.051	0.069
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Right Cheek	0mm	Ant 0	DSI 2	340500	1702.5	22.56	24.00	1.393	-	-	0.08	0.040	0.056
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Right Tilted	0mm	Ant 0	DSI 2	340500	1702.5	22.71	24.00	1.346	-	-	-0.09	0.030	0.040
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Right Tilted	0mm	Ant 0	DSI 2	340500	1702.5	22.56	24.00	1.393	-	-	-0.17	0.021	0.029
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Left Cheek	0mm	Ant 0	DSI 2	340500	1702.5	22.71	24.00	1.346	-	-	-0.09	0.068	0.092
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Left Cheek	0mm	Ant 0	DSI 2	340500	1702.5	22.56	24.00	1.393	-	-	0.18	0.061	0.085
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Left Tilted	0mm	Ant 0	DSI 2	340500	1702.5	22.71	24.00	1.346	-	-	-0.07	0.016	0.022
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Left Tilted	0mm	Ant 0	DSI 2	340500	1702.5	22.56	24.00	1.393	-	-	0.06	0.009	0.013
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant 1	DSI 2	340500	1702.5	22.60	24.00	1.380	-	-	-0.05	0.010	0.014
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Right Cheek	0mm	Ant 1	DSI 2	340500	1702.5	22.54	24.00	1.400	-	-	-0.05	0.006	0.008
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Right Tilted	0mm	Ant 1	DSI 2	340500	1702.5	22.60	24.00	1.380	-	-	-0.07	0.009	0.012
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Right Tilted	0mm	Ant 1	DSI 2	340500	1702.5	22.54	24.00	1.400	-	-	-0.11	0.005	0.007
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Left Cheek	0mm	Ant 1	DSI 2	340500	1702.5	22.60	24.00	1.380	-	-	-0.11	0.026	0.036
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Left Cheek	0mm	Ant 1	DSI 2	340500	1702.5	22.54	24.00	1.400	-	-	-0.03	0.013	0.018
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Left Tilted	0mm	Ant 1	DSI 2	340500	1702.5	22.60	24.00	1.380	-	-	0.04	0.010	0.014
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Left Tilted	0mm	Ant 1	DSI 2	340500	1702.5	22.54	24.00	1.400	-	-	-0.1	0.006	0.008
	1900MHz																			
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Right Cheek	0mm	Ant 2	DSI 2	661	1880	21.18	22.20	1.265	-	-	0.16	0.929	1.175
16	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Right Cheek	0mm	Ant 2	DSI 2	512	1850.2	21.14	22.20	1.276	-	-	0.01	1.010	**1.289**
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Right Cheek	0mm	Ant 2	DSI 2	810	1909.8	21.10	22.20	1.288	-	-	0.07	0.984	1.268
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Right Tilted	0mm	Ant 2	DSI 2	661	1880	21.18	22.20	1.265	-	-	-0.09	0.171	0.216
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Left Cheek	0mm	Ant 2	DSI 2	661	1880	21.18	22.20	1.265	-	-	0.01	0.391	0.495
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Left Tilted	0mm	Ant 2	DSI 2	661	1880	21.18	22.20	1.265	-	-	-0.04	0.128	0.162
	GSM1900	-	-	-	-	GPRS (3 Tx slots)	Right Cheek	0mm	Ant 0	DSI 2	661	1880	25.33	26.50	1.309	-	-	-0.08	0.043	0.056
	GSM1900	-	-	-	-	GPRS (3 Tx slots)	Right Tilted	0mm	Ant 0	DSI 2	661	1880	25.33	26.50	1.309	-	-	0.06	0.038	0.050
	GSM1900	-	-	-	-	GPRS (3 Tx slots)	Left Cheek	0mm	Ant 0	DSI 2	661	1880	25.33	26.50	1.309	-	-	0.02	0.021	0.027

	GSM1900	-	-	-	-	GPRS (3 Tx slots)	Left Tilted	0mm	Ant 0	DSI 2	661	1880	25.33	26.50	1.309	-	-	0.12	0.016	0.021
17	WCDMA II	-	-	-	-	RMC 12.2Kbps	Right Cheek	0mm	Ant 2	DSI 2	9400	1880	18.18	19.10	1.236	-	-	-0.02	1.030	**1.273**
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Right Cheek	0mm	Ant 2	DSI 2	9262	1852.4	18.03	19.10	1.279	-	-	-0.16	0.897	1.148
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Right Cheek	0mm	Ant 2	DSI 2	9538	1907.6	17.88	19.10	1.324	-	-	-0.12	0.872	1.155
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Right Tilted	0mm	Ant 2	DSI 2	9400	1880	18.18	19.10	1.236	-	-	0.07	0.243	0.300
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Left Cheek	0mm	Ant 2	DSI 2	9400	1880	18.18	19.10	1.236	-	-	-0.13	0.534	0.660
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Left Tilted	0mm	Ant 2	DSI 2	9400	1880	18.18	19.10	1.236	-	-	0.01	0.166	0.205
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Right Cheek	0mm	Ant 0	DSI 2	9400	1880	22.81	24.00	1.315	-	-	-0.04	0.106	0.139
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Right Tilted	0mm	Ant 0	DSI 2	9400	1880	22.81	24.00	1.315	-	-	-0.01	0.073	0.096
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Left Cheek	0mm	Ant 0	DSI 2	9400	1880	22.81	24.00	1.315	-	-	-0.06	0.102	0.134
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Left Tilted	0mm	Ant 0	DSI 2	9400	1880	22.81	24.00	1.315	-	-	-0.11	0.061	0.080
	LTE Band 25	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 2	DSI 2	26340	1880	18.20	19.10	1.230	-	-	-0.15	0.903	1.111
	LTE Band 25	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 2	DSI 2	26140	1860	18.06	19.10	1.271	-	-	0.03	0.834	1.060
18	LTE Band 25	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 2	DSI 2	26590	1905	18.08	19.10	1.265	-	-	0.01	1.010	**1.277**
	LTE Band 25	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 2	DSI 2	26340	1880	18.15	19.10	1.245	-	-	-0.13	0.493	0.614
	LTE Band 25	20M	QPSK	100	0	-	Right Cheek	0mm	Ant 2	DSI 2	26340	1880	18.18	19.10	1.236	-	-	-0.02	0.482	0.596
	LTE Band 25	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 2	DSI 2	26340	1880	18.20	19.10	1.230	-	-	-0.09	0.213	0.262
	LTE Band 25	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 2	DSI 2	26340	1880	18.15	19.10	1.245	-	-	-0.09	0.118	0.147
	LTE Band 25	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 2	DSI 2	26340	1880	18.20	19.10	1.230	-	-	-0.09	0.479	0.589
	LTE Band 25	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 2	DSI 2	26340	1880	18.12	19.10	1.253	-	-	-0.07	0.250	0.313
	LTE Band 25	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 2	DSI 2	26340	1880	18.20	19.10	1.230	-	-	-0.01	0.125	0.154
	LTE Band 25	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 2	DSI 2	26340	1880	18.15	19.10	1.245	-	-	-0.09	0.069	0.086
	LTE Band 2_Other Path	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 2	DSI 2	19100	1900	18.01	19.10	1.285	-	-	0.02	0.955	1.227
	LTE Band 25	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 3	DSI 2	26340	1880	18.53	19.40	1.222	-	-	-0.06	0.990	1.210
	LTE Band 25	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 3	DSI 2	26140	1860	18.34	19.40	1.276	-	-	-0.01	1.000	1.276
	LTE Band 25	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 3	DSI 2	26590	1905	18.40	19.40	1.259	-	-	-0.17	0.933	1.175
	LTE Band 25	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 3	DSI 2	26340	1880	18.49	19.40	1.233	-	-	-0.01	0.518	0.639
	LTE Band 25	20M	QPSK	100	0	-	Right Cheek	0mm	Ant 3	DSI 2	26340	1880	18.47	19.40	1.239	-	-	0.03	0.506	0.627
	LTE Band 25	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 3	DSI 2	26340	1880	18.53	19.40	1.222	-	-	0.1	0.950	1.161
	LTE Band 25	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 3	DSI 2	26140	1860	18.34	19.40	1.276	-	-	0.16	0.981	1.252
	LTE Band 25	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 3	DSI 2	26590	1905	18.40	19.40	1.259	-	-	-0.06	0.910	1.146
	LTE Band 25	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 3	DSI 2	26340	1880	18.49	19.40	1.233	-	-	0.02	0.520	0.641
	LTE Band 25	20M	QPSK	100	0	-	Right Tilted	0mm	Ant 3	DSI 2	26340	1880	18.47	19.40	1.239	-	-	-0.03	0.513	0.636
	LTE Band 25	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 3	DSI 2	26340	1880	18.53	19.40	1.222	-	-	0.17	0.485	0.593
	LTE Band 25	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 3	DSI 2	26340	1880	18.49	19.40	1.233	-	-	0.05	0.268	0.330
	LTE Band 25	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 3	DSI 2	26340	1880	18.53	19.40	1.222	-	-	-0.11	0.577	0.705
	LTE Band 25	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 3	DSI 2	26340	1880	18.49	19.40	1.233	-	-	-0.18	0.335	0.413
	LTE Band 2_Other Path	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 3	DSI 2	18700	1860	18.26	19.40	1.300	-	-	0.06	0.955	1.242
	LTE Band 25	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 0	DSI 2	26340	1880	22.15	23.00	1.216	-	-	0.05	0.110	0.134
	LTE Band 25	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 0	DSI 2	26340	1880	21.23	22.00	1.194	-	-	0.01	0.059	0.070
	LTE Band 25	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 0	DSI 2	26340	1880	22.15	23.00	1.216	-	-	-0.04	0.046	0.056
	LTE Band 25	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 0	DSI 2	26340	1880	21.23	22.00	1.194	-	-	0.13	0.021	0.025
	LTE Band 25	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 0	DSI 2	26340	1880	22.15	23.00	1.216	-	-	0.12	0.098	0.119
	LTE Band 25	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 0	DSI 2	26340	1880	21.23	22.00	1.194	-	-	0.07	0.051	0.061
	LTE Band 25	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 0	DSI 2	26340	1880	22.15	23.00	1.216	-	-	0.08	0.041	0.050
	LTE Band 25	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 0	DSI 2	26340	1880	21.23	22.00	1.194	-	-	0.19	0.018	0.021
	LTE Band 2_Other Path	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 0	DSI 2	18900	1880	22.10	23.00	1.230	-	-	0.02	0.095	0.117
	LTE Band 25	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 1	DSI 2	26340	1880	22.41	23.00	1.146	-	-	0.06	0.090	0.103
	LTE Band 25	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 1	DSI 2	26340	1880	21.45	22.00	1.135	-	-	-0.06	0.049	0.056
	LTE Band 25	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 1	DSI 2	26340	1880	22.41	23.00	1.146	-	-	0.12	0.047	0.054
	LTE Band 25	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 1	DSI 2	26340	1880	21.45	22.00	1.135	-	-	-0.03	0.024	0.027
	LTE Band 25	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 1	DSI 2	26340	1880	22.41	23.00	1.146	-	-	0.07	0.065	0.074
	LTE Band 25	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 1	DSI 2	26340	1880	21.45	22.00	1.135	-	-	-0.12	0.031	0.035
	LTE Band 25	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 1	DSI 2	26340	1880	22.41	23.00	1.146	-	-	-0.03	0.066	0.076
	LTE Band 25	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 1	DSI 2	26340	1880	21.45	22.00	1.135	-	-	0.02	0.032	0.036
	LTE Band 2_Other Path	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 1	DSI 2	18900	1880	22.38	23.00	1.153	-	-	0.06	0.078	0.090

	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant 2	DSI 2	376500	1882.5	18.39	19.60	1.321	-	-	-0.06	0.960	1.268
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Right Cheek	0mm	Ant 2	DSI 2	376500	1882.5	18.25	19.60	1.365	-	-	0.07	0.922	1.258
	FR1 n25	45M	QPSK	240	0	DFT-SCS-15KHz	Right Cheek	0mm	Ant 2	DSI 2	376500	1882.5	18.15	19.60	1.396	-	-	0.03	0.486	0.679
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Right Tilted	0mm	Ant 2	DSI 2	376500	1882.5	18.39	19.60	1.321	-	-	0.04	0.200	0.264
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Right Tilted	0mm	Ant 2	DSI 2	376500	1882.5	18.25	19.60	1.365	-	-	-0.16	0.192	0.262
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Left Cheek	0mm	Ant 2	DSI 2	376500	1882.5	18.39	19.60	1.321	-	-	-0.13	0.483	0.638
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Left Cheek	0mm	Ant 2	DSI 2	376500	1882.5	18.25	19.60	1.365	-	-	-0.1	0.477	0.651
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Left Tilted	0mm	Ant 2	DSI 2	376500	1882.5	18.39	19.60	1.321	-	-	0.03	0.125	0.165
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Left Tilted	0mm	Ant 2	DSI 2	376500	1882.5	18.25	19.60	1.365	-	-	-0.08	0.132	0.180
	FR1 n2_Other Path	40M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant 2	DSI 2	376000	1880	18.55	19.60	1.274	-	-	-0.05	0.971	1.237
19	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant 3	DSI 2	376500	1882.5	19.44	20.40	1.247	-	-	0.06	1.030	**1.285**
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Right Cheek	0mm	Ant 3	DSI 2	376500	1882.5	19.41	20.40	1.256	-	-	0.13	0.971	1.220
	FR1 n25	45M	QPSK	240	0	DFT-SCS-15KHz	Right Cheek	0mm	Ant 3	DSI 2	376500	1882.5	19.35	20.40	1.274	-	-	0.15	0.718	0.914
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Right Tilted	0mm	Ant 3	DSI 2	376500	1882.5	19.44	20.40	1.247	-	-	0.01	0.957	1.194
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Right Tilted	0mm	Ant 3	DSI 2	376500	1882.5	19.41	20.40	1.256	-	-	-0.04	0.909	1.142
	FR1 n25	45M	QPSK	240	0	DFT-SCS-15KHz	Right Tilted	0mm	Ant 3	DSI 2	376500	1882.5	19.35	20.40	1.274	-	-	-0.19	0.688	0.876
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Left Cheek	0mm	Ant 3	DSI 2	376500	1882.5	19.44	20.40	1.247	-	-	-0.09	0.599	0.747
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Left Cheek	0mm	Ant 3	DSI 2	376500	1882.5	19.41	20.40	1.256	-	-	-0.13	0.564	0.708
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Left Tilted	0mm	Ant 3	DSI 2	376500	1882.5	19.44	20.40	1.247	-	-	0.18	0.744	0.928
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Left Tilted	0mm	Ant 3	DSI 2	376500	1882.5	19.41	20.40	1.256	-	-	-0.07	0.674	0.847
	FR1 n25	45M	QPSK	240	0	DFT-SCS-15KHz	Left Tilted	0mm	Ant 3	DSI 2	376500	1882.5	19.35	20.40	1.274	-	-	-0.1	0.639	0.814
	FR1 n25_code2	45M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant 3	DSI 2	376500	1882.5	19.44	20.40	1.247	-	-	0.01	0.694	0.866
	FR1 n2_Other Path	40M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant 3	DSI 2	376000	1880	19.35	20.40	1.274	-	-	0.01	0.960	1.223
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant 0	DSI 2	376500	1882.5	22.70	24.00	1.349	-	-	-0.14	0.088	0.119
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Right Cheek	0mm	Ant 0	DSI 2	376500	1882.5	22.67	24.00	1.358	-	-	0.03	0.100	0.136
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Right Tilted	0mm	Ant 0	DSI 2	376500	1882.5	22.70	24.00	1.349	-	-	0.04	0.020	0.027
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Right Tilted	0mm	Ant 0	DSI 2	376500	1882.5	22.67	24.00	1.358	-	-	0.04	0.011	0.015
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Left Cheek	0mm	Ant 0	DSI 2	376500	1882.5	22.70	24.00	1.349	-	-	0.07	0.084	0.113
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Left Cheek	0mm	Ant 0	DSI 2	376500	1882.5	22.67	24.00	1.358	-	-	0.13	0.083	0.113
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Left Tilted	0mm	Ant 0	DSI 2	376500	1882.5	22.70	24.00	1.349	-	-	-0.15	0.021	0.028
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Left Tilted	0mm	Ant 0	DSI 2	376500	1882.5	22.67	24.00	1.358	-	-	-0.04	0.015	0.020
	FR1 n2_Other Path	40M	QPSK	108	54	DFT-SCS-15KHz	Right Cheek	0mm	Ant 0	DSI 2	376000	1880	23.25	24.00	1.189	-	-	0.01	0.081	0.096
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant 1	DSI 2	376500	1882.5	22.83	24.00	1.309	-	-	-0.09	0.076	0.099
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Right Cheek	0mm	Ant 1	DSI 2	376500	1882.5	22.65	24.00	1.365	-	-	0.07	0.070	0.096
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Right Tilted	0mm	Ant 1	DSI 2	376500	1882.5	22.83	24.00	1.309	-	-	-0.04	0.020	0.026
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Right Tilted	0mm	Ant 1	DSI 2	376500	1882.5	22.65	24.00	1.365	-	-	0.13	0.013	0.018
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Left Cheek	0mm	Ant 1	DSI 2	376500	1882.5	22.83	24.00	1.309	-	-	-0.03	0.069	0.090
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Left Cheek	0mm	Ant 1	DSI 2	376500	1882.5	22.65	24.00	1.365	-	-	0.13	0.072	0.098
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Left Tilted	0mm	Ant 1	DSI 2	376500	1882.5	22.83	24.00	1.309	-	-	-0.11	0.048	0.063
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Left Tilted	0mm	Ant 1	DSI 2	376500	1882.5	22.65	24.00	1.365	-	-	0.09	0.049	0.067
	FR1 n2_Other Path	40M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant 1	DSI 2	376000	1880	23.04	24.00	1.247	-	-	0.03	0.054	0.067
2300MHz																				
	LTE Band 30	10M	QPSK	1	0	-	Right Cheek	0mm	Ant 2	DSI 2	27710	2310	18.45	19.40	1.245	-	-	0.05	1.020	1.269
	LTE Band 30	10M	QPSK	25	0	-	Right Cheek	0mm	Ant 2	DSI 2	27710	2310	18.33	19.40	1.279	-	-	0.02	0.798	1.021
	LTE Band 30	10M	QPSK	50	0	-	Right Cheek	0mm	Ant 2	DSI 2	27710	2310	18.30	19.40	1.288	-	-	-0.03	0.796	1.025
	LTE Band 30	10M	QPSK	1	0	-	Right Tilted	0mm	Ant 2	DSI 2	27710	2310	18.45	19.40	1.245	-	-	-0.13	0.283	0.352
	LTE Band 30	10M	QPSK	25	0	-	Right Tilted	0mm	Ant 2	DSI 2	27710	2310	18.33	19.40	1.279	-	-	-0.1	0.229	0.293
	LTE Band 30	10M	QPSK	1	0	-	Left Cheek	0mm	Ant 2	DSI 2	27710	2310	18.45	19.40	1.245	-	-	0.01	0.860	1.070
	LTE Band 30	10M	QPSK	25	0	-	Left Cheek	0mm	Ant 2	DSI 2	27710	2310	18.33	19.40	1.279	-	-	0.07	0.676	0.865
	LTE Band 30	10M	QPSK	50	0	-	Left Cheek	0mm	Ant 2	DSI 2	27710	2310	18.30	19.40	1.288	-	-	0.15	0.670	0.863
	LTE Band 30	10M	QPSK	1	0	-	Left Tilted	0mm	Ant 2	DSI 2	27710	2310	18.45	19.40	1.245	-	-	-0.05	0.183	0.228
	LTE Band 30	10M	QPSK	25	0	-	Left Tilted	0mm	Ant 2	DSI 2	27710	2310	18.33	19.40	1.279	-	-	-0.08	0.144	0.184
	LTE Band 30_Other Path	10M	QPSK	1	0	-	Right Cheek	0mm	Ant 2	DSI 2	27710	2310	18.45	19.40	1.245	-	-	0.02	1.000	1.245
20	LTE Band 30	10M	QPSK	1	0	-	Right Cheek	0mm	Ant 3	DSI 2	27710	2310	18.78	19.80	1.265	-	-	0.01	1.020	**1.290**
	LTE Band 30	10M	QPSK	25	0	-	Right Cheek	0mm	Ant 3	DSI 2	27710	2310	18.75	19.80	1.274	-	-	-0.11	0.798	1.016
	LTE Band 30	10M	QPSK	50	0	-	Right Cheek	0mm	Ant 3	DSI 2	27710	2310	18.71	19.80	1.285	-	-	0.03	0.690	0.887

	LTE Band 30	10M	QPSK	1	0	-	Right Tilted	0mm	Ant 3	DSI 2	27710	2310	18.78	19.80	1.265	-	-	-0.05	0.964	1.219
	LTE Band 30	10M	QPSK	25	0	-	Right Tilted	0mm	Ant 3	DSI 2	27710	2310	18.75	19.80	1.274	-	-	0.14	0.778	0.991
	LTE Band 30	10M	QPSK	50	0	-	Right Tilted	0mm	Ant 3	DSI 2	27710	2310	18.71	19.80	1.285	-	-	-0.01	0.660	0.848
	LTE Band 30	10M	QPSK	1	0	-	Left Cheek	0mm	Ant 3	DSI 2	27710	2310	18.78	19.80	1.265	-	-	-0.12	0.494	0.625
	LTE Band 30	10M	QPSK	25	0	-	Left Cheek	0mm	Ant 3	DSI 2	27710	2310	18.75	19.80	1.274	-	-	0.07	0.405	0.516
	LTE Band 30	10M	QPSK	1	0	-	Left Tilted	0mm	Ant 3	DSI 2	27710	2310	18.78	19.80	1.265	-	-	0.04	0.494	0.625
	LTE Band 30	10M	QPSK	25	0	-	Left Tilted	0mm	Ant 3	DSI 2	27710	2310	18.75	19.80	1.274	-	-	0.11	0.409	0.521
	LTE Band 30	10M	QPSK	1	0	-	Right Cheek	0mm	Ant 0	DSI 2	27710	2310	22.58	24.00	1.387	-	-	0.12	0.183	0.254
	LTE Band 30	10M	QPSK	25	0	-	Right Cheek	0mm	Ant 0	DSI 2	27710	2310	21.62	23.00	1.374	-	-	-0.11	0.165	0.227
	LTE Band 30	10M	QPSK	1	0	-	Right Tilted	0mm	Ant 0	DSI 2	27710	2310	22.58	24.00	1.387	-	-	0.17	0.044	0.061
	LTE Band 30	10M	QPSK	25	0	-	Right Tilted	0mm	Ant 0	DSI 2	27710	2310	21.62	23.00	1.374	-	-	-0.16	0.021	0.029
	LTE Band 30	10M	QPSK	1	0	-	Left Cheek	0mm	Ant 0	DSI 2	27710	2310	22.58	24.00	1.387	-	-	-0.17	0.128	0.178
	LTE Band 30	10M	QPSK	25	0	-	Left Cheek	0mm	Ant 0	DSI 2	27710	2310	21.62	23.00	1.374	-	-	0.11	0.101	0.139
	LTE Band 30	10M	QPSK	1	0	-	Left Tilted	0mm	Ant 0	DSI 2	27710	2310	22.58	24.00	1.387	-	-	-0.05	0.067	0.093
	LTE Band 30	10M	QPSK	25	0	-	Left Tilted	0mm	Ant 0	DSI 2	27710	2310	21.62	23.00	1.374	-	-	-0.01	0.052	0.071
	LTE Band 30_Other Path	10M	QPSK	1	0	-	Right Cheek	0mm	Ant 0	DSI 2	27710	2310	22.58	24.00	1.387	-	-	0.06	0.200	0.277
	LTE Band 30	10M	QPSK	1	0	-	Right Cheek	0mm	Ant 1	DSI 2	27710	2310	20.85	22.00	1.303	-	-	-0.15	0.077	0.100
	LTE Band 30	10M	QPSK	25	0	-	Right Cheek	0mm	Ant 1	DSI 2	27710	2310	19.91	21.00	1.285	-	-	-0.12	0.064	0.082
	LTE Band 30	10M	QPSK	1	0	-	Right Tilted	0mm	Ant 1	DSI 2	27710	2310	20.85	22.00	1.303	-	-	-0.17	0.030	0.039
	LTE Band 30	10M	QPSK	25	0	-	Right Tilted	0mm	Ant 1	DSI 2	27710	2310	19.91	21.00	1.285	-	-	0.08	0.016	0.021
	LTE Band 30	10M	QPSK	1	0	-	Left Cheek	0mm	Ant 1	DSI 2	27710	2310	20.85	22.00	1.303	-	-	0.01	0.183	0.238
	LTE Band 30	10M	QPSK	25	0	-	Left Cheek	0mm	Ant 1	DSI 2	27710	2310	19.91	21.00	1.285	-	-	0.02	0.148	0.190
	LTE Band 30	10M	QPSK	1	0	-	Left Tilted	0mm	Ant 1	DSI 2	27710	2310	20.85	22.00	1.303	-	-	-0.11	0.016	0.021
	LTE Band 30	10M	QPSK	25	0	-	Left Tilted	0mm	Ant 1	DSI 2	27710	2310	19.91	21.00	1.285	-	-	-0.01	0.009	0.012
21	FR1 n30	10M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant 2	DSI 2	462000	2310	18.11	19.10	1.256	-	-	-0.08	1.030	**1.294**
	FR1 n30	10M	QPSK	25	14	DFT-SCS-15KHz	Right Cheek	0mm	Ant 2	DSI 2	462000	2310	18.11	19.10	1.256	-	-	0.15	0.994	1.248
	FR1 n30	10M	QPSK	50	0	DFT-SCS-15KHz	Right Cheek	0mm	Ant 2	DSI 2	462000	2310	18.10	19.10	1.259	-	-	-0.11	0.789	0.993
	FR1 n30	10M	QPSK	1	1	DFT-SCS-15KHz	Right Tilted	0mm	Ant 2	DSI 2	462000	2310	18.11	19.10	1.256	-	-	0.18	0.281	0.353
	FR1 n30	10M	QPSK	25	14	DFT-SCS-15KHz	Right Tilted	0mm	Ant 2	DSI 2	462000	2310	18.11	19.10	1.256	-	-	0.18	0.270	0.339
	FR1 n30	10M	QPSK	1	1	DFT-SCS-15KHz	Left Cheek	0mm	Ant 2	DSI 2	462000	2310	18.11	19.10	1.256	-	-	0.01	0.768	0.965
	FR1 n30	10M	QPSK	25	14	DFT-SCS-15KHz	Left Cheek	0mm	Ant 2	DSI 2	462000	2310	18.11	19.10	1.256	-	-	0.06	0.809	1.016
	FR1 n30	10M	QPSK	50	0	DFT-SCS-15KHz	Left Cheek	0mm	Ant 2	DSI 2	462000	2310	18.10	19.10	1.259	-	-	-0.02	0.663	0.835
	FR1 n30	10M	QPSK	1	1	DFT-SCS-15KHz	Left Tilted	0mm	Ant 2	DSI 2	462000	2310	18.11	19.10	1.256	-	-	-0.13	0.164	0.206
	FR1 n30	10M	QPSK	25	14	DFT-SCS-15KHz	Left Tilted	0mm	Ant 2	DSI 2	462000	2310	18.11	19.10	1.256	-	-	0.05	0.159	0.200
	FR1 n30_Other Path	10M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant 2	DSI 2	462000	2310	18.02	19.10	1.282	-	-	0.01	0.997	1.278
	FR1 n30	10M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant 0	DSI 2	462000	2310	22.39	24.00	1.449	-	-	0.04	0.154	0.223
	FR1 n30	10M	QPSK	25	14	DFT-SCS-15KHz	Right Cheek	0mm	Ant 0	DSI 2	462000	2310	22.31	24.00	1.476	-	-	0.13	0.155	0.229
	FR1 n30	10M	QPSK	1	1	DFT-SCS-15KHz	Right Tilted	0mm	Ant 0	DSI 2	462000	2310	22.39	24.00	1.449	-	-	-0.05	0.010	0.014
	FR1 n30	10M	QPSK	25	14	DFT-SCS-15KHz	Right Tilted	0mm	Ant 0	DSI 2	462000	2310	22.31	24.00	1.476	-	-	-0.17	0.006	0.009
	FR1 n30	10M	QPSK	1	1	DFT-SCS-15KHz	Left Cheek	0mm	Ant 0	DSI 2	462000	2310	22.39	24.00	1.449	-	-	0.18	0.095	0.138
	FR1 n30	10M	QPSK	25	14	DFT-SCS-15KHz	Left Cheek	0mm	Ant 0	DSI 2	462000	2310	22.31	24.00	1.476	-	-	-0.17	0.091	0.134
	FR1 n30	10M	QPSK	1	1	DFT-SCS-15KHz	Left Tilted	0mm	Ant 0	DSI 2	462000	2310	22.39	24.00	1.449	-	-	-0.05	0.057	0.083
	FR1 n30	10M	QPSK	25	14	DFT-SCS-15KHz	Left Tilted	0mm	Ant 0	DSI 2	462000	2310	22.31	24.00	1.476	-	-	-0.02	0.058	0.086
	FR1 n30_Other Path	10M	QPSK	25	14	DFT-SCS-15KHz	Right Cheek	0mm	Ant 0	DSI 2	462000	2310	22.41	24.00	1.442	-	-	-0.08	0.142	0.205
2600MHz																				
	LTE Band 7	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 2	DSI 2	21100	2535	17.99	19.30	1.352	-	-	0.09	0.496	0.671
	LTE Band 7	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 2	DSI 2	21100	2535	17.95	19.30	1.365	-	-	0.15	0.275	0.375
	LTE Band 7	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 2	DSI 2	21100	2535	17.99	19.30	1.352	-	-	0.08	0.150	0.203
	LTE Band 7	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 2	DSI 2	21100	2535	17.95	19.30	1.365	-	-	-0.04	0.076	0.104
	LTE Band 7	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 2	DSI 2	21100	2535	17.99	19.30	1.352	-	-	0.18	0.844	1.141
	LTE Band 7	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 2	DSI 2	20850	2510	17.93	19.30	1.371	-	-	0.11	0.806	1.105
	LTE Band 7	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 2	DSI 2	21350	2560	17.98	19.30	1.355	-	-	0.02	0.943	1.278
	LTE Band 7	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 2	DSI 2	21100	2535	17.95	19.30	1.365	-	-	0.07	0.459	0.626
	LTE Band 7	20M	QPSK	100	0	-	Left Cheek	0mm	Ant 2	DSI 2	21100	2535	17.97	19.30	1.358	-	-	-0.08	0.388	0.527
	LTE Band 7	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 2	DSI 2	21100	2535	17.99	19.30	1.352	-	-	-0.05	0.072	0.097
	LTE Band 7	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 2	DSI 2	21100	2535	17.95	19.30	1.365	-	-	-0.03	0.038	0.052

	LTE Band 7_Other Path	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 2	DSI 2	21350	2560	17.98	19.30	1.355	-	-	0.06	0.911	1.235
	LTE Band 7C	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 2	DSI 2	21350+ 21152	2560+ 2540.2	17.79	19.30	1.416	-	-	0.02	0.840	1.189
	LTE Band 7	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 3	DSI 2	21100	2535	19.91	20.90	1.256	-	-	0.17	0.774	0.972
	LTE Band 7	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 3	DSI 2	20850	2510	19.69	20.90	1.321	-	-	0.08	0.725	0.958
	LTE Band 7	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 3	DSI 2	21350	2560	19.86	20.90	1.271	-	-	0.01	0.738	0.938
	LTE Band 7	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 3	DSI 2	21100	2535	19.86	20.90	1.271	-	-	-0.06	0.521	0.662
	LTE Band 7	20M	QPSK	100	0	-	Right Cheek	0mm	Ant 3	DSI 2	21100	2535	19.80	20.90	1.288	-	-	-0.08	0.512	0.660
22	LTE Band 7	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 3	DSI 2	21100	2535	19.91	20.90	1.256	-	-	0.09	1.020	**1.281**
	LTE Band 7	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 3	DSI 2	20850	2510	19.69	20.90	1.321	-	-	-0.03	0.939	1.241
	LTE Band 7	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 3	DSI 2	21350	2560	19.86	20.90	1.271	-	-	0.17	0.883	1.122
	LTE Band 7	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 3	DSI 2	21100	2535	19.86	20.90	1.271	-	-	0.02	0.558	0.709
	LTE Band 7	20M	QPSK	100	0	-	Right Tilted	0mm	Ant 3	DSI 2	21100	2535	19.80	20.90	1.288	-	-	-0.11	0.552	0.711
	LTE Band 7	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 3	DSI 2	21100	2535	19.91	20.90	1.256	-	-	-0.05	0.409	0.514
	LTE Band 7	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 3	DSI 2	21100	2535	19.86	20.90	1.271	-	-	-0.13	0.270	0.343
	LTE Band 7	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 3	DSI 2	21100	2535	19.91	20.90	1.256	-	-	0.02	0.462	0.580
	LTE Band 7	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 3	DSI 2	21100	2535	19.86	20.90	1.271	-	-	-0.02	0.315	0.400
	LTE Band 7C	20M	QPSK	1	99	-	Right Tilted	0mm	Ant 3	DSI 2	21100+ 21298	2535+ 2554.8	19.82	20.90	1.282	-	-	0.06	0.922	1.182
	LTE Band 7	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 0	DSI 2	21100	2535	22.25	23.00	1.189	-	-	-0.1	0.211	0.251
	LTE Band 7	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 0	DSI 2	21100	2535	21.31	22.00	1.172	-	-	-0.07	0.140	0.164
	LTE Band 7	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 0	DSI 2	21100	2535	22.25	23.00	1.189	-	-	0.11	0.050	0.059
	LTE Band 7	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 0	DSI 2	21100	2535	21.31	22.00	1.172	-	-	-0.17	0.024	0.028
	LTE Band 7	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 0	DSI 2	21100	2535	22.25	23.00	1.189	-	-	0.01	0.144	0.171
	LTE Band 7	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 0	DSI 2	21100	2535	21.31	22.00	1.172	-	-	0.1	0.077	0.090
	LTE Band 7	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 0	DSI 2	21100	2535	22.25	23.00	1.189	-	-	0.11	0.075	0.089
	LTE Band 7	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 0	DSI 2	21100	2535	21.31	22.00	1.172	-	-	-0.07	0.030	0.035
	LTE Band 7_Other Path	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 0	DSI 2	21100	2535	22.25	23.00	1.189	-	-	0.02	0.206	0.245
	LTE Band 7C	20M	QPSK	1	99	-	Right Cheek	0mm	Ant 0	DSI 2	21100+ 21298	2535+ 2554.8	22.13	23.00	1.222	-	-	0.05	0.201	0.246
	LTE Band 7	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 1	DSI 2	21100	2535	23.02	24.00	1.253	-	-	0.12	0.175	0.219
	LTE Band 7	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 1	DSI 2	21100	2535	22.08	23.00	1.236	-	-	0.07	0.101	0.125
	LTE Band 7	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 1	DSI 2	21100	2535	23.02	24.00	1.253	-	-	0.15	0.126	0.158
	LTE Band 7	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 1	DSI 2	21100	2535	22.08	23.00	1.236	-	-	0.14	0.072	0.089
	LTE Band 7	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 1	DSI 2	21100	2535	23.02	24.00	1.253	-	-	-0.03	0.301	0.377
	LTE Band 7	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 1	DSI 2	21100	2535	22.08	23.00	1.236	-	-	-0.14	0.171	0.211
	LTE Band 7	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 1	DSI 2	21100	2535	23.02	24.00	1.253	-	-	0.17	0.059	0.074
	LTE Band 7	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 1	DSI 2	21100	2535	22.08	23.00	1.236	-	-	0.11	0.042	0.052
	LTE Band 7C	20M	QPSK	1	99	-	Left Cheek	0mm	Ant 1	DSI 2	21100+ 21298	2535+ 2554.8	22.98	24.00	1.265	-	-	0.02	0.255	0.323
	LTE Band 41	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 2	DSI 2	40620	2593	20.05	21.10	1.274	62.9	1.006	0.07	0.629	0.806
	LTE Band 41	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 2	DSI 2	39750	2506	19.85	21.10	1.334	62.9	1.006	-0.04	0.548	0.735
	LTE Band 41	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 2	DSI 2	40185	2549.5	20.01	21.10	1.285	62.9	1.006	-0.18	0.587	0.759
	LTE Band 41	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 2	DSI 2	41055	2636.5	19.91	21.10	1.315	62.9	1.006	-0.13	0.615	0.814
	LTE Band 41	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 2	DSI 2	41490	2680	19.84	21.10	1.337	62.9	1.006	-0.13	0.544	0.731
	LTE Band 41	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 2	DSI 2	40620	2593	20.03	21.10	1.279	62.9	1.006	-0.09	0.513	0.660
	LTE Band 41	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 2	DSI 2	39750	2506	19.84	21.10	1.337	62.9	1.006	-0.04	0.442	0.594
	LTE Band 41	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 2	DSI 2	40185	2549.5	19.93	21.10	1.309	62.9	1.006	-0.15	0.477	0.628
	LTE Band 41	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 2	DSI 2	41055	2636.5	19.91	21.10	1.315	62.9	1.006	-0.09	0.502	0.664
	LTE Band 41	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 2	DSI 2	41490	2680	19.88	21.10	1.324	62.9	1.006	0.05	0.456	0.608
	LTE Band 41	20M	QPSK	100	0	-	Right Cheek	0mm	Ant 2	DSI 2	40620	2593	19.95	21.10	1.303	62.9	1.006	0.13	0.513	0.673
	LTE Band 41	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 2	DSI 2	40620	2593	20.05	21.10	1.274	62.9	1.006	-0.09	0.204	0.261
	LTE Band 41	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 2	DSI 2	40620	2593	20.03	21.10	1.279	62.9	1.006	0.1	0.160	0.206
	LTE Band 41	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 2	DSI 2	40620	2593	20.05	21.10	1.274	62.9	1.006	-0.02	0.880	1.127
	LTE Band 41	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 2	DSI 2	39750	2506	19.85	21.10	1.334	62.9	1.006	-0.1	0.626	0.840
	LTE Band 41	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 2	DSI 2	40185	2549.5	20.01	21.10	1.285	62.9	1.006	0.14	0.817	1.056
	LTE Band 41	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 2	DSI 2	41055	2636.5	19.91	21.10	1.315	62.9	1.006	0.04	0.912	1.207
	LTE Band 41	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 2	DSI 2	41490	2680	19.84	21.10	1.337	62.9	1.006	0.07	0.958	1.288
	LTE Band 41	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 2	DSI 2	40620	2593	20.03	21.10	1.279	62.9	1.006	-0.05	0.675	0.869

	LTE Band 41	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 2	DSI 2	39750	2506	19.84	21.10	1.337	62.9	1.006	-0.04	0.502	0.675
	LTE Band 41	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 2	DSI 2	40185	2549.5	19.93	21.10	1.309	62.9	1.006	0.14	0.640	0.843
	LTE Band 41	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 2	DSI 2	41055	2636.5	19.91	21.10	1.315	62.9	1.006	0.03	0.746	0.987
	LTE Band 41	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 2	DSI 2	41490	2680	19.88	21.10	1.324	62.9	1.006	0.16	0.760	1.013
	LTE Band 41	20M	QPSK	100	0	-	Left Cheek	0mm	Ant 2	DSI 2	40620	2593	19.95	21.10	1.303	62.9	1.006	0.01	0.718	0.941
	LTE Band 41	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 2	DSI 2	40620	2593	20.05	21.10	1.274	62.9	1.006	-0.06	0.111	0.142
	LTE Band 41	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 2	DSI 2	40620	2593	20.03	21.10	1.279	62.9	1.006	0.14	0.090	0.116
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 2	DSI 2	41490	2680	21.43	22.70	1.340	42.9	1.009	-0.09	0.882	1.192
	LTE Band 41C	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 2	DSI 2	41490+ 41292	2680+ 2660.2	19.71	21.10	1.377	62.9	1.006	0.02	0.856	1.186
	LTE Band 41C HPUE	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 2	DSI 2	41490+ 41292	2680+ 2660.2	21.28	22.70	1.387	42.9	1.009	0.06	0.811	1.135
	LTE Band 41	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 3	DSI 2	40620	2593	17.15	18.40	1.334	62.9	1.006	-0.12	0.508	0.681
	LTE Band 41	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 3	DSI 2	39750	2506	16.96	18.40	1.393	62.9	1.006	-0.06	0.475	0.666
	LTE Band 41	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 3	DSI 2	40185	2549.5	16.93	18.40	1.403	62.9	1.006	-0.19	0.450	0.635
	LTE Band 41	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 3	DSI 2	41055	2636.5	16.92	18.40	1.406	62.9	1.006	0.09	0.680	0.962
	LTE Band 41	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 3	DSI 2	41490	2680	16.97	18.40	1.390	62.9	1.006	0.13	0.774	1.082
	LTE Band 41	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 3	DSI 2	40620	2593	17.11	18.40	1.346	62.9	1.006	-0.08	0.379	0.513
	LTE Band 41	20M	QPSK	100	0	-	Right Cheek	0mm	Ant 3	DSI 2	40620	2593	17.07	18.40	1.358	62.9	1.006	-0.02	0.385	0.526
	LTE Band 41	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 3	DSI 2	40620	2593	17.15	18.40	1.334	62.9	1.006	-0.16	0.562	0.754
	LTE Band 41	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 3	DSI 2	39750	2506	16.96	18.40	1.393	62.9	1.006	-0.03	0.513	0.719
	LTE Band 41	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 3	DSI 2	40185	2549.5	16.93	18.40	1.403	62.9	1.006	-0.06	0.505	0.713
	LTE Band 41	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 3	DSI 2	41055	2636.5	16.92	18.40	1.406	62.9	1.006	0.08	0.814	1.151
23	LTE Band 41	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 3	DSI 2	41490	2680	16.97	18.40	1.390	62.9	1.006	-0.02	0.924	**1.292**
	LTE Band 41	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 3	DSI 2	40620	2593	17.11	18.40	1.346	62.9	1.006	-0.07	0.450	0.609
	LTE Band 41	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 3	DSI 2	39750	2506	17.00	18.40	1.380	62.9	1.006	0.11	0.428	0.594
	LTE Band 41	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 3	DSI 2	40185	2549.5	16.96	18.40	1.393	62.9	1.006	-0.13	0.401	0.562
	LTE Band 41	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 3	DSI 2	41055	2636.5	16.92	18.40	1.406	62.9	1.006	0.04	0.649	0.918
	LTE Band 41	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 3	DSI 2	41490	2680	16.95	18.40	1.396	62.9	1.006	0.17	0.749	1.052
	LTE Band 41	20M	QPSK	100	0	-	Right Tilted	0mm	Ant 3	DSI 2	40620	2593	17.07	18.40	1.358	62.9	1.006	-0.1	0.443	0.605
	LTE Band 41	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 3	DSI 2	40620	2593	17.15	18.40	1.334	62.9	1.006	0.17	0.196	0.263
	LTE Band 41	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 3	DSI 2	40620	2593	17.11	18.40	1.346	62.9	1.006	0.15	0.149	0.202
	LTE Band 41	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 3	DSI 2	40620	2593	17.15	18.40	1.334	62.9	1.006	0.1	0.231	0.310
	LTE Band 41	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 3	DSI 2	40620	2593	17.11	18.40	1.346	62.9	1.006	-0.09	0.181	0.245
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 3	DSI 2	41490	2680	18.61	20.00	1.377	42.9	1.009	0.08	0.852	1.184
	LTE Band 41C	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 3	DSI 2	41490+ 41292	2680+ 2660.2	16.81	18.40	1.442	62.9	1.006	-0.16	0.820	1.190
	LTE Band 41C HPUE	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 3	DSI 2	41490+ 41292	2680+ 2660.2	18.46	20.00	1.426	42.9	1.009	-0.12	0.809	1.164
	LTE Band 41	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 0	DSI 2	40620	2593	23.45	24.00	1.135	62.9	1.006	0.06	0.180	0.206
	LTE Band 41	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 0	DSI 2	40620	2593	22.50	23.00	1.122	62.9	1.006	0.15	0.145	0.164
	LTE Band 41	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 0	DSI 2	40620	2593	23.45	24.00	1.135	62.9	1.006	-0.1	0.041	0.047
	LTE Band 41	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 0	DSI 2	40620	2593	22.50	23.00	1.122	62.9	1.006	0.17	0.035	0.040
	LTE Band 41	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 0	DSI 2	40620	2593	23.45	24.00	1.135	62.9	1.006	0.13	0.088	0.100
	LTE Band 41	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 0	DSI 2	40620	2593	22.50	23.00	1.122	62.9	1.006	-0.02	0.074	0.084
	LTE Band 41	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 0	DSI 2	40620	2593	23.45	24.00	1.135	62.9	1.006	-0.12	0.067	0.077
	LTE Band 41	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 0	DSI 2	40620	2593	22.50	23.00	1.122	62.9	1.006	0.1	0.053	0.060
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 0	DSI 2	40620	2593	25.50	27.00	1.413	42.9	1.009	0.13	0.183	0.261
	LTE Band 41C	20M	QPSK	1	99	-	Right Cheek	0mm	Ant 0	DSI 2	40620+ 40818	2593+ 2612.8	23.35	24.00	1.161	62.9	1.006	0.07	0.155	0.181
	LTE Band 41C HPUE	20M	QPSK	1	99	-	Right Cheek	0mm	Ant 0	DSI 2	40620+ 40818	2593+ 2612.8	25.37	27.00	1.455	42.9	1.009	-0.02	0.175	0.257
	LTE Band 41	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 1	DSI 2	40620	2593	23.96	25.00	1.271	62.9	1.006	-0.12	0.063	0.081
	LTE Band 41	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 1	DSI 2	40620	2593	23.00	24.00	1.259	62.9	1.006	-0.07	0.052	0.066
	LTE Band 41	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 1	DSI 2	40620	2593	23.96	25.00	1.271	62.9	1.006	-0.03	0.052	0.066
	LTE Band 41	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 1	DSI 2	40620	2593	23.00	24.00	1.259	62.9	1.006	-0.13	0.046	0.058
	LTE Band 41	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 1	DSI 2	40620	2593	23.96	25.00	1.271	62.9	1.006	0.05	0.195	0.249
	LTE Band 41	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 1	DSI 2	40620	2593	23.00	24.00	1.259	62.9	1.006	-0.15	0.124	0.157
	LTE Band 41	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 1	DSI 2	40620	2593	23.96	25.00	1.271	62.9	1.006	-0.11	0.040	0.051
	LTE Band 41	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 1	DSI 2	40620	2593	23.00	24.00	1.259	62.9	1.006	0.07	0.021	0.027
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 1	DSI 2	40620	2593	26.02	27.00	1.253	42.9	1.009	0.19	0.200	0.253

	LTE Band 41C	20M	QPSK	1	99	-	Left Cheek	0mm	Ant 1	DSI 2	40620+ 40818	2593+ 2612.8	23.84	25.00	1.306	62.9	1.006	0.08	0.177	0.233
	LTE Band 41C HPUE	20M	QPSK	1	99	-	Left Cheek	0mm	Ant 1	DSI 2	40620+ 40818	2593+ 2612.8	25.87	27.00	1.297	42.9	1.009	0.01	0.185	0.242
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant 2	DSI 2	507000	2535	19.03	19.80	1.194	-	-	-0.19	0.652	0.778
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Right Cheek	0mm	Ant 2	DSI 2	507000	2535	18.98	19.80	1.208	-	-	0.06	0.690	0.833
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Right Cheek	0mm	Ant 2	DSI 2	507000	2535	18.80	19.80	1.259	-	-	0.04	0.561	0.706
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Right Tilted	0mm	Ant 2	DSI 2	507000	2535	19.03	19.80	1.194	-	-	0.01	0.172	0.205
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Right Tilted	0mm	Ant 2	DSI 2	507000	2535	18.98	19.80	1.208	-	-	-0.18	0.208	0.251
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Left Cheek	0mm	Ant 2	DSI 2	507000	2535	19.03	19.80	1.194	-	-	-0.07	0.807	0.964
24	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Left Cheek	0mm	Ant 2	DSI 2	507000	2535	18.98	19.80	1.208	-	-	0.06	1.060	**1.280**
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Left Cheek	0mm	Ant 2	DSI 2	507000	2535	18.80	19.80	1.259	-	-	0.18	0.820	1.032
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Left Tilted	0mm	Ant 2	DSI 2	507000	2535	19.03	19.80	1.194	-	-	-0.08	0.106	0.127
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Left Tilted	0mm	Ant 2	DSI 2	507000	2535	18.98	19.80	1.208	-	-	-0.05	0.120	0.145
	FR1 n7_Other Path	50M	QPSK	135	68	DFT-SCS-15KHz	Left Cheek	0mm	Ant 2	DSI 2	507000	2535	18.53	19.80	1.340	-	-	0.04	0.943	1.263
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant 3	DSI 2	507000	2535	17.89	18.90	1.262	-	-	-0.07	0.653	0.824
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Right Cheek	0mm	Ant 3	DSI 2	507000	2535	17.86	18.90	1.271	-	-	-0.06	0.796	1.011
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Right Cheek	0mm	Ant 3	DSI 2	507000	2535	17.80	18.90	1.288	-	-	-0.1	0.609	0.785
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Right Tilted	0mm	Ant 3	DSI 2	507000	2535	17.89	18.90	1.262	-	-	0.04	0.657	0.829
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Right Tilted	0mm	Ant 3	DSI 2	507000	2535	17.86	18.90	1.271	-	-	-0.07	0.805	1.023
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Right Tilted	0mm	Ant 3	DSI 2	507000	2535	17.80	18.90	1.288	-	-	0.08	0.622	0.801
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Left Cheek	0mm	Ant 3	DSI 2	507000	2535	17.89	18.90	1.262	-	-	-0.09	0.366	0.462
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Left Cheek	0mm	Ant 3	DSI 2	507000	2535	17.86	18.90	1.271	-	-	0.03	0.439	0.558
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Left Tilted	0mm	Ant 3	DSI 2	507000	2535	17.89	18.90	1.262	-	-	0.19	0.414	0.522
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Left Tilted	0mm	Ant 3	DSI 2	507000	2535	17.86	18.90	1.271	-	-	0.16	0.511	0.649
	FR1 n7_code2	50M	QPSK	135	68	DFT-SCS-15KHz	Right Tilted	0mm	Ant 3	DSI 2	507000	2535	17.86	18.90	1.271	-	-	0.11	1.000	1.271
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant 0	DSI 2	507000	2535	22.92	24.00	1.282	-	-	0.12	0.175	0.224
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Right Cheek	0mm	Ant 0	DSI 2	507000	2535	22.87	24.00	1.297	-	-	0.1	0.189	0.245
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Right Tilted	0mm	Ant 0	DSI 2	507000	2535	22.92	24.00	1.282	-	-	-0.04	0.030	0.038
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Right Tilted	0mm	Ant 0	DSI 2	507000	2535	22.87	24.00	1.297	-	-	0.05	0.016	0.021
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Left Cheek	0mm	Ant 0	DSI 2	507000	2535	22.92	24.00	1.282	-	-	0.03	0.083	0.106
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Left Cheek	0mm	Ant 0	DSI 2	507000	2535	22.87	24.00	1.297	-	-	-0.17	0.096	0.125
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Left Tilted	0mm	Ant 0	DSI 2	507000	2535	22.92	24.00	1.282	-	-	-0.14	0.046	0.059
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Left Tilted	0mm	Ant 0	DSI 2	507000	2535	22.87	24.00	1.297	-	-	0.18	0.052	0.067
	FR1 n7_Other Path	50M	QPSK	135	68	DFT-SCS-15KHz	Right Cheek	0mm	Ant 0	DSI 2	507000	2535	22.46	24.00	1.426	-	-	-0.12	0.169	0.241
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant 1	DSI 2	507000	2535	23.35	24.00	1.161	-	-	0.07	0.084	0.098
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Right Cheek	0mm	Ant 1	DSI 2	507000	2535	23.12	24.00	1.225	-	-	-0.15	0.118	0.145
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Right Tilted	0mm	Ant 1	DSI 2	507000	2535	23.35	24.00	1.161	-	-	0.06	0.058	0.067
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Right Tilted	0mm	Ant 1	DSI 2	507000	2535	23.12	24.00	1.225	-	-	0.09	0.078	0.096
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Left Cheek	0mm	Ant 1	DSI 2	507000	2535	23.35	24.00	1.161	-	-	0.11	0.152	0.177
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Left Cheek	0mm	Ant 1	DSI 2	507000	2535	23.12	24.00	1.225	-	-	-0.03	0.226	0.277
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Left Tilted	0mm	Ant 1	DSI 2	507000	2535	23.35	24.00	1.161	-	-	-0.16	0.041	0.048
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Left Tilted	0mm	Ant 1	DSI 2	507000	2535	23.12	24.00	1.225	-	-	-0.03	0.063	0.077
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 2	DSI 2	518598	2592.99	19.08	19.90	1.208	-	-	-0.15	0.686	0.829
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 2	DSI 2	518598	2592.99	19.00	19.90	1.230	-	-	-0.13	0.686	0.844
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Right Cheek	0mm	Ant 2	DSI 2	518598	2592.99	19.00	19.90	1.230	-	-	-0.07	0.677	0.833
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 2	DSI 2	518598	2592.99	19.08	19.90	1.208	-	-	0.19	0.206	0.249
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 2	DSI 2	518598	2592.99	19.00	19.90	1.230	-	-	0.04	0.213	0.262
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 2	DSI 2	518598	2592.99	19.08	19.90	1.208	-	-	0.18	1.020	1.232
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 2	DSI 2	518598	2592.99	19.00	19.90	1.230	-	-	-0.03	1.000	1.230
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Left Cheek	0mm	Ant 2	DSI 2	518598	2592.99	19.00	19.90	1.230	-	-	-0.01	0.974	1.198
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 2	DSI 2	518598	2592.99	19.08	19.90	1.208	-	-	-0.17	0.112	0.135
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 2	DSI 2	518598	2592.99	19.00	19.90	1.230	-	-	-0.02	0.103	0.127
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 2	DSI 2	518598	2592.99	21.88	22.90	1.265	50	1.000	0.01	1.010	1.277
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 3	DSI 2	518598	2592.99	18.11	19.30	1.315	-	-	0.08	0.848	1.115
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 3	DSI 2	518598	2592.99	18.09	19.30	1.321	-	-	0.01	0.662	0.875
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Right Cheek	0mm	Ant 3	DSI 2	518598	2592.99	18.05	19.30	1.334	-	-	0.03	0.726	0.968

	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 3	DSI 2	518598	2592.99	18.11	19.30	1.315	-	-	0.08	0.903	1.188
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 3	DSI 2	518598	2592.99	18.09	19.30	1.321	-	-	-0.08	0.670	0.885
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Right Tilted	0mm	Ant 3	DSI 2	518598	2592.99	18.05	19.30	1.334	-	-	-0.08	0.734	0.979
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 3	DSI 2	518598	2592.99	18.11	19.30	1.315	-	-	0.1	0.453	0.596
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 3	DSI 2	518598	2592.99	18.09	19.30	1.321	-	-	-0.18	0.367	0.485
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 3	DSI 2	518598	2592.99	18.11	19.30	1.315	-	-	0.12	0.525	0.690
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 3	DSI 2	518598	2592.99	18.09	19.30	1.321	-	-	0.08	0.385	0.509
25	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 3	DSI 2	518598	2592.99	21.15	22.30	1.303	50	1.000	0.01	0.988	**1.288**
	FR1 n41_code2	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 3	DSI 2	518598	2592.99	18.11	19.30	1.315	-	-	0.03	0.805	1.059
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 0	DSI 2	518598	2592.99	23.49	24.00	1.125	-	-	-0.03	0.222	0.250
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 0	DSI 2	518598	2592.99	23.25	24.00	1.189	-	-	0.14	0.201	0.239
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 0	DSI 2	518598	2592.99	23.49	24.00	1.125	-	-	0.11	0.051	0.057
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 0	DSI 2	518598	2592.99	23.25	24.00	1.189	-	-	-0.05	0.062	0.074
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 0	DSI 2	518598	2592.99	23.49	24.00	1.125	-	-	0.18	0.131	0.147
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 0	DSI 2	518598	2592.99	23.25	24.00	1.189	-	-	0.14	0.142	0.169
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 0	DSI 2	518598	2592.99	23.49	24.00	1.125	-	-	-0.17	0.080	0.090
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 0	DSI 2	518598	2592.99	23.25	24.00	1.189	-	-	0.17	0.095	0.113
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 0	DSI 2	518598	2592.99	26.52	27.00	1.117	50	1.000	-0.05	0.208	0.232
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 1	DSI 2	518598	2592.99	23.39	24.00	1.151	-	-	0.01	0.050	0.058
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 1	DSI 2	518598	2592.99	23.26	24.00	1.186	-	-	0.1	0.026	0.031
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 1	DSI 2	518598	2592.99	23.39	24.00	1.151	-	-	-0.17	0.030	0.035
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 1	DSI 2	518598	2592.99	23.26	24.00	1.186	-	-	0.04	0.019	0.023
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1	DSI 2	518598	2592.99	23.39	24.00	1.151	-	-	0.03	0.186	0.214
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1	DSI 2	518598	2592.99	23.26	24.00	1.186	-	-	-0.08	0.135	0.160
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 1	DSI 2	518598	2592.99	23.39	24.00	1.151	-	-	0.05	0.089	0.102
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 1	DSI 2	518598	2592.99	23.26	24.00	1.186	-	-	0.06	0.068	0.081
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1	DSI 2	518598	2592.99	26.26	27.00	1.186	50	1.000	0.03	0.168	0.199
3500-3900MHz																				
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 4	DSI 2	42590	3500	20.95	21.90	1.245	62.9	1.006	-0.01	0.879	1.100
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 4	DSI 2	42190	3460	20.79	21.90	1.291	62.9	1.006	-0.19	0.927	1.204
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 4	DSI 2	42990	3540	20.86	21.90	1.271	62.9	1.006	0.02	1.010	1.291
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 4	DSI 2	42590	3500	20.89	21.90	1.262	62.9	1.006	-0.03	0.598	0.759
	LTE Band 42 Part 27Q	20M	QPSK	100	0	-	Right Cheek	0mm	Ant 4	DSI 2	42590	3500	20.82	21.90	1.282	62.9	1.006	0.15	0.588	0.759
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 4	DSI 2	42590	3500	20.95	21.90	1.245	62.9	1.006	0.12	0.885	1.108
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 4	DSI 2	42190	3460	20.79	21.90	1.291	62.9	1.006	-0.12	0.796	1.034
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 4	DSI 2	42990	3540	20.86	21.90	1.271	62.9	1.006	-0.15	0.930	1.189
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 4	DSI 2	42590	3500	20.89	21.90	1.262	62.9	1.006	-0.19	0.560	0.711
	LTE Band 42 Part 27Q	20M	QPSK	100	0	-	Right Tilted	0mm	Ant 4	DSI 2	42590	3500	20.82	21.90	1.282	62.9	1.006	-0.12	0.550	0.710
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 4	DSI 2	42590	3500	20.95	21.90	1.245	62.9	1.006	0.18	0.280	0.351
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 4	DSI 2	42590	3500	20.89	21.90	1.262	62.9	1.006	0.09	0.175	0.222
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 4	DSI 2	42590	3500	20.95	21.90	1.245	62.9	1.006	-0.09	0.380	0.476
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 4	DSI 2	42590	3500	20.89	21.90	1.262	62.9	1.006	0.11	0.247	0.314
	LTE Band 42C Part 27Q	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 4	DSI 2	42990+ 42792	3540+ 3520.2	20.73	21.90	1.309	62.9	1.006	0.06	0.905	1.192
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 8	DSI 2	42590	3500	20.41	21.20	1.199	62.9	1.006	0.02	0.614	0.741
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 8	DSI 2	42590	3500	20.32	21.20	1.225	62.9	1.006	-0.11	0.413	0.509
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 8	DSI 2	42590	3500	20.41	21.20	1.199	62.9	1.006	-0.06	0.106	0.128
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 8	DSI 2	42590	3500	20.32	21.20	1.225	62.9	1.006	0.01	0.069	0.085
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 8	DSI 2	42590	3500	20.41	21.20	1.199	62.9	1.006	-0.03	0.914	1.103
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 8	DSI 2	42190	3460	20.21	21.20	1.256	62.9	1.006	0.03	0.912	1.152
26	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 8	DSI 2	42990	3540	20.11	21.20	1.285	62.9	1.006	0.08	0.999	**1.292**
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 8	DSI 2	42590	3500	20.32	21.20	1.225	62.9	1.006	-0.17	0.535	0.659
	LTE Band 42 Part 27Q	20M	QPSK	100	0	-	Left Cheek	0mm	Ant 8	DSI 2	42590	3500	20.33	21.20	1.222	62.9	1.006	0.18	0.511	0.628
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 8	DSI 2	42590	3500	20.41	21.20	1.199	62.9	1.006	0.16	0.220	0.265
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 8	DSI 2	42590	3500	20.32	21.20	1.225	62.9	1.006	0.19	0.141	0.174
	LTE Band 42C Part 27Q	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 8	DSI 2	42990+ 42792	3540+ 3520.2	19.94	21.20	1.337	62.9	1.006	0.02	0.889	1.195
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 3	DSI 2	42590	3500	19.03	19.90	1.222	62.9	1.006	0.13	0.774	0.951

	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 3	DSI 2	42190	3460	18.87	19.90	1.268	62.9	1.006	-0.03	0.859	1.095
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 3	DSI 2	42990	3540	18.87	19.90	1.268	62.9	1.006	0.12	0.727	0.927
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 3	DSI 2	42590	3500	18.99	19.90	1.233	62.9	1.006	0.19	0.496	0.615
	LTE Band 42 Part 27Q	20M	QPSK	100	0	-	Right Cheek	0mm	Ant 3	DSI 2	42590	3500	18.92	19.90	1.253	62.9	1.006	0.07	0.491	0.619
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 3	DSI 2	42590	3500	19.03	19.90	1.222	62.9	1.006	-0.18	0.906	1.114
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 3	DSI 2	42190	3460	18.87	19.90	1.268	62.9	1.006	0.04	1.010	1.288
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 3	DSI 2	42990	3540	18.87	19.90	1.268	62.9	1.006	-0.06	0.868	1.107
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 3	DSI 2	42590	3500	18.99	19.90	1.233	62.9	1.006	0.07	0.595	0.738
	LTE Band 42 Part 27Q	20M	QPSK	100	0	-	Right Tilted	0mm	Ant 3	DSI 2	42590	3500	18.92	19.90	1.253	62.9	1.006	-0.08	0.581	0.732
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 3	DSI 2	42590	3500	19.03	19.90	1.222	62.9	1.006	-0.04	0.383	0.471
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 3	DSI 2	42590	3500	18.99	19.90	1.233	62.9	1.006	-0.08	0.255	0.316
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 3	DSI 2	42590	3500	19.03	19.90	1.222	62.9	1.006	-0.07	0.538	0.661
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 3	DSI 2	42590	3500	18.99	19.90	1.233	62.9	1.006	0.13	0.339	0.421
	LTE Band 42C Part 27Q	20M	QPSK	1	99	-	Right Tilted	0mm	Ant 3	DSI 2	42190+ 42388	3460+ 3479.8	18.76	19.90	1.300	62.9	1.006	0.02	0.915	1.197
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 5	DSI 2	42590	3500	19.81	20.70	1.227	62.9	1.006	-0.04	0.547	0.675
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 5	DSI 2	42590	3500	19.78	20.70	1.236	62.9	1.006	0.01	0.351	0.436
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 5	DSI 2	42590	3500	19.81	20.70	1.227	62.9	1.006	-0.02	0.687	0.848
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 5	DSI 2	42190	3460	19.67	20.70	1.268	62.9	1.006	0.15	0.664	0.847
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 5	DSI 2	42990	3540	19.68	20.70	1.265	62.9	1.006	-0.08	0.696	0.886
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 5	DSI 2	42590	3500	19.78	20.70	1.236	62.9	1.006	0.06	0.450	0.560
	LTE Band 42 Part 27Q	20M	QPSK	100	0	-	Right Tilted	0mm	Ant 5	DSI 2	42590	3500	19.78	20.70	1.236	62.9	1.006	-0.05	0.437	0.543
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 5	DSI 2	42590	3500	19.81	20.70	1.227	62.9	1.006	-0.18	0.730	0.901
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 5	DSI 2	42190	3460	19.67	20.70	1.268	62.9	1.006	-0.08	0.632	0.806
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 5	DSI 2	42990	3540	19.68	20.70	1.265	62.9	1.006	0.18	0.738	0.939
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 5	DSI 2	42590	3500	19.78	20.70	1.236	62.9	1.006	0.1	0.450	0.560
	LTE Band 42 Part 27Q	20M	QPSK	100	0	-	Left Cheek	0mm	Ant 5	DSI 2	42590	3500	19.78	20.70	1.236	62.9	1.006	-0.09	0.437	0.543
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 5	DSI 2	42590	3500	19.81	20.70	1.227	62.9	1.006	-0.16	0.955	1.179
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 5	DSI 2	42190	3460	19.67	20.70	1.268	62.9	1.006	0.11	0.844	1.076
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 5	DSI 2	42990	3540	19.68	20.70	1.265	62.9	1.006	-0.02	1.010	1.285
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 5	DSI 2	42590	3500	19.78	20.70	1.236	62.9	1.006	0.14	0.615	0.765
	LTE Band 42 Part 27Q	20M	QPSK	100	0	-	Left Tilted	0mm	Ant 5	DSI 2	42590	3500	19.78	20.70	1.236	62.9	1.006	-0.03	0.611	0.760
	LTE Band 42C Part 27Q	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 5	DSI 2	42990+ 42792	3540+ 3520.2	19.52	20.70	1.312	62.9	1.006	0.02	0.901	1.189
	LTE Band 48	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 4	DSI 2	55830	3609	19.75	20.70	1.245	62.9	1.006	-0.02	0.935	1.171
	LTE Band 48	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 4	DSI 2	55340	3560	19.57	20.70	1.297	62.9	1.006	0.08	0.847	1.105
	LTE Band 48	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 4	DSI 2	56150	3641	19.69	20.70	1.262	62.9	1.006	-0.17	0.960	1.219
	LTE Band 48	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 4	DSI 2	56640	3690	19.69	20.70	1.262	62.9	1.006	0.01	1.010	1.282
	LTE Band 48	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 4	DSI 2	55830	3609	19.71	20.70	1.256	62.9	1.006	-0.04	0.596	0.753
	LTE Band 48	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 4	DSI 2	55340	3560	19.58	20.70	1.294	62.9	1.006	0.17	0.519	0.676
	LTE Band 48	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 4	DSI 2	56150	3641	19.62	20.70	1.282	62.9	1.006	0.18	0.607	0.783
	LTE Band 48	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 4	DSI 2	56640	3690	19.62	20.70	1.282	62.9	1.006	0.03	0.649	0.837
	LTE Band 48	20M	QPSK	100	0	-	Right Cheek	0mm	Ant 4	DSI 2	55830	3609	19.64	20.70	1.276	62.9	1.006	0.01	0.594	0.763
	LTE Band 48	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 4	DSI 2	55830	3609	19.75	20.70	1.245	62.9	1.006	0.04	0.303	0.379
	LTE Band 48	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 4	DSI 2	55830	3609	19.71	20.70	1.256	62.9	1.006	-0.18	0.189	0.239
	LTE Band 48	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 4	DSI 2	55830	3609	19.75	20.70	1.245	62.9	1.006	0.11	0.248	0.310
	LTE Band 48	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 4	DSI 2	55830	3609	19.71	20.70	1.256	62.9	1.006	-0.07	0.160	0.202
	LTE Band 48	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 4	DSI 2	55830	3609	19.75	20.70	1.245	62.9	1.006	0.16	0.147	0.184
	LTE Band 48	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 4	DSI 2	55830	3609	19.71	20.70	1.256	62.9	1.006	0.09	0.093	0.118
	LTE Band 48C	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 4	DSI 2	56640+ 56442	3690+ 3670.2	19.60	20.70	1.288	62.9	1.006	0.02	0.922	1.195
	LTE Band 48	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 8	DSI 2	55830	3609	17.75	18.50	1.189	62.9	1.006	-0.1	0.806	0.964
	LTE Band 48	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 8	DSI 2	55340	3560	17.64	18.50	1.219	62.9	1.006	0.1	0.699	0.857
	LTE Band 48	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 8	DSI 2	56150	3641	17.57	18.50	1.239	62.9	1.006	0.17	0.831	1.036
	LTE Band 48	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 8	DSI 2	56640	3690	17.54	18.50	1.247	62.9	1.006	-0.06	0.809	1.015
	LTE Band 48	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 8	DSI 2	55830	3609	17.69	18.50	1.205	62.9	1.006	0.07	0.521	0.632
	LTE Band 48	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 8	DSI 2	55340	3560	17.62	18.50	1.225	62.9	1.006	0.11	0.516	0.636
	LTE Band 48	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 8	DSI 2	56150	3641	17.51	18.50	1.256	62.9	1.006	-0.18	0.536	0.677

	LTE Band 48	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 8	DSI 2	56640	3690	17.58	18.50	1.236	62.9	1.006	0.11	0.515	0.640
	LTE Band 48	20M	QPSK	100	0	-	Right Cheek	0mm	Ant 8	DSI 2	55830	3609	17.62	18.50	1.225	62.9	1.006	-0.01	0.524	0.646
	LTE Band 48	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 8	DSI 2	55830	3609	17.75	18.50	1.189	62.9	1.006	-0.11	0.126	0.151
	LTE Band 48	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 8	DSI 2	55830	3609	17.69	18.50	1.205	62.9	1.006	0.04	0.076	0.092
	LTE Band 48	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 8	DSI 2	55830	3609	17.75	18.50	1.189	62.9	1.006	0.16	0.999	1.194
	LTE Band 48	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 8	DSI 2	55340	3560	17.64	18.50	1.219	62.9	1.006	0.17	0.843	1.034
	LTE Band 48	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 8	DSI 2	56150	3641	17.57	18.50	1.239	62.9	1.006	-0.07	1.030	1.284
	LTE Band 48	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 8	DSI 2	56640	3690	17.54	18.50	1.247	62.9	1.006	0.06	1.010	1.267
	LTE Band 48	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 8	DSI 2	55830	3609	17.69	18.50	1.205	62.9	1.006	-0.18	0.641	0.777
	LTE Band 48	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 8	DSI 2	55340	3560	17.62	18.50	1.225	62.9	1.006	0.06	0.546	0.673
	LTE Band 48	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 8	DSI 2	56150	3641	17.51	18.50	1.256	62.9	1.006	0.18	0.656	0.829
	LTE Band 48	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 8	DSI 2	56640	3690	17.58	18.50	1.236	62.9	1.006	-0.19	0.631	0.785
	LTE Band 48	20M	QPSK	100	0	-	Left Cheek	0mm	Ant 8	DSI 2	55830	3609	17.62	18.50	1.225	62.9	1.006	0.17	0.635	0.782
	LTE Band 48	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 8	DSI 2	55830	3609	17.75	18.50	1.189	62.9	1.006	-0.16	0.232	0.277
	LTE Band 48	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 8	DSI 2	55830	3609	17.69	18.50	1.205	62.9	1.006	-0.17	0.136	0.165
	LTE Band 48C	20M	QPSK	1	99	-	Left Cheek	0mm	Ant 8	DSI 2	56150+ 56348	3641+ 3660.8	17.38	18.50	1.294	62.9	1.006	0.05	0.915	1.191
	LTE Band 48	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 3	DSI 2	55830	3609	20.09	21.00	1.233	62.9	1.006	0.15	0.714	0.886
	LTE Band 48	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 3	DSI 2	55340	3560	19.89	21.00	1.291	62.9	1.006	0.09	0.840	1.091
	LTE Band 48	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 3	DSI 2	56150	3641	19.92	21.00	1.282	62.9	1.006	-0.02	0.782	1.009
	LTE Band 48	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 3	DSI 2	56640	3690	19.93	21.00	1.279	62.9	1.006	-0.07	0.871	1.121
	LTE Band 48	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 3	DSI 2	55830	3609	20.06	21.00	1.242	62.9	1.006	-0.16	0.505	0.631
	LTE Band 48	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 3	DSI 2	55340	3560	20.01	21.00	1.256	62.9	1.006	-0.03	0.525	0.663
	LTE Band 48	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 3	DSI 2	56150	3641	19.92	21.00	1.282	62.9	1.006	0.03	0.530	0.684
	LTE Band 48	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 3	DSI 2	56640	3690	19.87	21.00	1.297	62.9	1.006	0.1	0.546	0.713
	LTE Band 48	20M	QPSK	100	0	-	Right Cheek	0mm	Ant 3	DSI 2	55830	3609	20.02	21.00	1.253	62.9	1.006	0.03	0.446	0.562
	LTE Band 48	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 3	DSI 2	55830	3609	20.09	21.00	1.233	62.9	1.006	0.06	0.840	1.042
	LTE Band 48	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 3	DSI 2	55340	3560	19.89	21.00	1.291	62.9	1.006	0.01	0.987	1.282
	LTE Band 48	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 3	DSI 2	56150	3641	19.92	21.00	1.282	62.9	1.006	0.12	0.866	1.117
	LTE Band 48	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 3	DSI 2	56640	3690	19.93	21.00	1.279	62.9	1.006	-0.03	0.982	1.264
	LTE Band 48	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 3	DSI 2	55830	3609	20.06	21.00	1.242	62.9	1.006	0.11	0.525	0.656
	LTE Band 48	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 3	DSI 2	55340	3560	20.01	21.00	1.256	62.9	1.006	0.08	0.604	0.763
	LTE Band 48	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 3	DSI 2	56150	3641	19.92	21.00	1.282	62.9	1.006	0.07	0.546	0.704
	LTE Band 48	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 3	DSI 2	56640	3690	19.87	21.00	1.297	62.9	1.006	0.09	0.625	0.816
	LTE Band 48	20M	QPSK	100	0	-	Right Tilted	0mm	Ant 3	DSI 2	55830	3609	20.02	21.00	1.253	62.9	1.006	-0.12	0.524	0.661
	LTE Band 48	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 3	DSI 2	55830	3609	20.09	21.00	1.233	62.9	1.006	0.1	0.379	0.470
	LTE Band 48	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 3	DSI 2	55830	3609	20.06	21.00	1.242	62.9	1.006	0.12	0.241	0.301
	LTE Band 48	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 3	DSI 2	55830	3609	20.09	21.00	1.233	62.9	1.006	-0.09	0.510	0.633
	LTE Band 48	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 3	DSI 2	55340	3560	19.89	21.00	1.291	62.9	1.006	-0.09	0.598	0.777
	LTE Band 48	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 3	DSI 2	56150	3641	19.92	21.00	1.282	62.9	1.006	0.08	0.506	0.653
	LTE Band 48	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 3	DSI 2	56640	3690	19.93	21.00	1.279	62.9	1.006	0.06	0.551	0.709
	LTE Band 48	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 3	DSI 2	55830	3609	20.06	21.00	1.242	62.9	1.006	0.1	0.277	0.346
	LTE Band 48	20M	QPSK	100	0	-	Left Tilted	0mm	Ant 3	DSI 2	55830	3609	20.02	21.00	1.253	62.9	1.006	0.08	0.307	0.387
	LTE Band 48C	20M	QPSK	1	99	-	Right Tilted	0mm	Ant 3	DSI 2	55340+ 55538	3560+ 3579.8	19.72	21.00	1.343	62.9	1.006	0.03	0.878	1.186
	LTE Band 48	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 5	DSI 2	55830	3609	19.93	20.90	1.250	62.9	1.006	-0.11	0.496	0.624
	LTE Band 48	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 5	DSI 2	55340	3560	19.69	20.90	1.321	62.9	1.006	-0.05	0.554	0.736
	LTE Band 48	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 5	DSI 2	56150	3641	19.73	20.90	1.309	62.9	1.006	0.02	0.475	0.626
	LTE Band 48	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 5	DSI 2	56640	3690	19.76	20.90	1.300	62.9	1.006	-0.05	0.463	0.606
	LTE Band 48	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 5	DSI 2	55830	3609	19.91	20.90	1.256	62.9	1.006	-0.11	0.310	0.392
	LTE Band 48	20M	QPSK	100	0	-	Right Cheek	0mm	Ant 5	DSI 2	55830	3609	19.89	20.90	1.262	62.9	1.006	-0.17	0.315	0.400
	LTE Band 48	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 5	DSI 2	55830	3609	19.93	20.90	1.250	62.9	1.006	0.05	0.566	0.712
	LTE Band 48	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 5	DSI 2	55340	3560	19.69	20.90	1.321	62.9	1.006	0.13	0.645	0.857
	LTE Band 48	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 5	DSI 2	56150	3641	19.73	20.90	1.309	62.9	1.006	0.05	0.537	0.707
	LTE Band 48	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 5	DSI 2	56640	3690	19.76	20.90	1.300	62.9	1.006	-0.03	0.521	0.681
	LTE Band 48	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 5	DSI 2	55830	3609	19.91	20.90	1.256	62.9	1.006	-0.12	0.354	0.447
	LTE Band 48	20M	QPSK	100	0	-	Right Tilted	0mm	Ant 5	DSI 2	55830	3609	19.89	20.90	1.262	62.9	1.006	-0.05	0.353	0.448
	LTE Band 48	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 5	DSI 2	55830	3609	19.93	20.90	1.250	62.9	1.006	-0.01	0.669	0.841

	LTE Band 48	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 5	DSI 2	55340	3560	19.69	20.90	1.321	62.9	1.006	0.02	0.744	0.989
	LTE Band 48	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 5	DSI 2	56150	3641	19.73	20.90	1.309	62.9	1.006	0.07	0.657	0.865
	LTE Band 48	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 5	DSI 2	56640	3690	19.76	20.90	1.300	62.9	1.006	-0.18	0.645	0.844
	LTE Band 48	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 5	DSI 2	55830	3609	19.91	20.90	1.256	62.9	1.006	0.06	0.421	0.532
	LTE Band 48	20M	QPSK	100	0	-	Left Cheek	0mm	Ant 5	DSI 2	55830	3609	19.89	20.90	1.262	62.9	1.006	-0.03	0.421	0.534
	LTE Band 48	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 5	DSI 2	55830	3609	19.93	20.90	1.250	62.9	1.006	0.1	0.897	1.128
27	LTE Band 48	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 5	DSI 2	55340	3560	19.69	20.90	1.321	62.9	1.006	0.02	0.971	**1.291**
	LTE Band 48	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 5	DSI 2	56150	3641	19.73	20.90	1.309	62.9	1.006	-0.05	0.864	1.138
	LTE Band 48	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 5	DSI 2	56640	3690	19.76	20.90	1.300	62.9	1.006	-0.03	0.901	1.178
	LTE Band 48	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 5	DSI 2	55830	3609	19.91	20.90	1.256	62.9	1.006	0.09	0.562	0.710
	LTE Band 48	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 5	DSI 2	55340	3560	19.79	20.90	1.291	62.9	1.006	-0.02	0.620	0.805
	LTE Band 48	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 5	DSI 2	56150	3641	19.70	20.90	1.318	62.9	1.006	0.08	0.545	0.723
	LTE Band 48	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 5	DSI 2	56640	3690	19.85	20.90	1.274	62.9	1.006	-0.16	0.574	0.735
	LTE Band 48	20M	QPSK	100	0	-	Left Tilted	0mm	Ant 5	DSI 2	55830	3609	19.89	20.90	1.262	62.9	1.006	-0.12	0.554	0.703
	LTE Band 48C	20M	QPSK	1	99	-	Left Tilted	0mm	Ant 5	DSI 2	55340+ 55538	3560+ 3579.8	19.54	20.90	1.368	62.9	1.006	0.02	0.867	1.193
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4	DSI 2	641666	3624.99	16.99	18.20	1.321	-	-	-0.08	0.958	1.266
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4	DSI 2	638000	3570	16.72	16.77	1.012	-	-	0.08	0.916	0.927
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4	DSI 2	645332	3679.98	16.72	16.77	1.012	-	-	0.01	0.944	0.955
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4	DSI 2	641666	3624.99	16.98	18.20	1.324	-	-	0.01	0.963	1.275
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4	DSI 2	638000	3570	16.80	16.84	1.009	-	-	0.03	0.924	0.933
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4	DSI 2	645332	3679.98	16.80	16.84	1.009	-	-	-0.08	0.946	0.955
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4	DSI 2	641666	3624.99	16.85	18.20	1.365	-	-	0.13	0.929	1.268
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 4	DSI 2	641666	3624.99	16.99	18.20	1.321	-	-	0.12	0.759	1.003
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 4	DSI 2	638000	3570	16.72	18.20	1.406	-	-	-0.08	0.716	1.007
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 4	DSI 2	645332	3679.98	16.72	18.20	1.406	-	-	0.1	0.709	0.997
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Tilted	0mm	Ant 4	DSI 2	641666	3624.99	16.98	18.20	1.324	-	-	0.03	0.598	0.792
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Right Tilted	0mm	Ant 4	DSI 2	641666	3624.99	16.85	18.20	1.365	-	-	0.18	0.582	0.794
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 4	DSI 2	641666	3624.99	16.99	18.20	1.321	-	-	0.16	0.252	0.333
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Cheek	0mm	Ant 4	DSI 2	641666	3624.99	16.98	18.20	1.324	-	-	-0.1	0.237	0.314
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 4	DSI 2	641666	3624.99	16.99	18.20	1.321	-	-	0.18	0.349	0.461
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Tilted	0mm	Ant 4	DSI 2	641666	3624.99	16.98	18.20	1.324	-	-	-0.1	0.300	0.397
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 8	DSI 2	641666	3624.99	18.46	19.50	1.271	-	-	-0.18	0.781	0.992
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 8	DSI 2	638000	3570	18.26	19.50	1.330	-	-	0.14	0.738	0.982
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 8	DSI 2	645332	3679.98	18.37	19.50	1.297	-	-	-0.17	0.752	0.975
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Cheek	0mm	Ant 8	DSI 2	641666	3624.99	18.43	19.50	1.279	-	-	0.1	0.729	0.933
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Cheek	0mm	Ant 8	DSI 2	638000	3570	18.26	19.50	1.330	-	-	0.17	0.700	0.931
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Cheek	0mm	Ant 8	DSI 2	645332	3679.98	18.31	19.50	1.315	-	-	-0.05	0.715	0.940
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Right Cheek	0mm	Ant 8	DSI 2	641666	3624.99	18.41	19.50	1.285	-	-	0.12	0.655	0.842
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 8	DSI 2	641666	3624.99	18.46	19.50	1.271	-	-	0.08	0.139	0.177
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Tilted	0mm	Ant 8	DSI 2	641666	3624.99	18.43	19.50	1.279	-	-	-0.17	0.141	0.180
28	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 8	DSI 2	641666	3624.99	18.46	19.50	1.271	-	-	0.03	1.010	**1.283**
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 8	DSI 2	638000	3570	18.26	19.50	1.330	-	-	0.01	0.940	1.251
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 8	DSI 2	645332	3679.98	18.37	19.50	1.297	-	-	0.1	0.956	1.240
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Cheek	0mm	Ant 8	DSI 2	641666	3624.99	18.43	19.50	1.279	-	-	-0.03	0.991	1.268
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Cheek	0mm	Ant 8	DSI 2	638000	3570	18.26	19.50	1.330	-	-	-0.17	0.916	1.219
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Cheek	0mm	Ant 8	DSI 2	645332	3679.98	18.31	19.50	1.315	-	-	0.04	0.933	1.227
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Left Cheek	0mm	Ant 8	DSI 2	641666	3624.99	18.41	19.50	1.285	-	-	0.14	0.945	1.215
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 8	DSI 2	641666	3624.99	18.46	19.50	1.271	-	-	0.11	0.234	0.297
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Tilted	0mm	Ant 8	DSI 2	641666	3624.99	18.43	19.50	1.279	-	-	-0.05	0.212	0.271
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 3	DSI 2	641666	3624.99	18.66	20.00	1.361	-	-	-0.01	0.873	1.189
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 3	DSI 2	638000	3570	18.36	20.00	1.459	-	-	-0.1	0.801	1.169
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 3	DSI 2	645332	3679.98	18.48	20.00	1.419	-	-	0.07	0.833	1.182
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Cheek	0mm	Ant 3	DSI 2	641666	3624.99	18.58	20.00	1.387	-	-	-0.08	0.846	1.173
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Cheek	0mm	Ant 3	DSI 2	638000	3570	18.44	20.00	1.432	-	-	0.18	0.754	1.080
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Cheek	0mm	Ant 3	DSI 2	645332	3679.98	18.42	20.00	1.439	-	-	-0.1	0.788	1.134
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Right Cheek	0mm	Ant 3	DSI 2	641666	3624.99	18.54	20.00	1.400	-	-	0.05	0.819	1.146

	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 3	DSI 2	641666	3624.99	18.66	20.00	1.361	-	-	0.14	0.876	1.193
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 3	DSI 2	638000	3570	18.36	20.00	1.459	-	-	0.01	0.812	1.185
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 3	DSI 2	645332	3679.98	18.48	20.00	1.419	-	-	-0.15	0.833	1.182
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Tilted	0mm	Ant 3	DSI 2	641666	3624.99	18.58	20.00	1.387	-	-	0.06	0.756	1.048
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Tilted	0mm	Ant 3	DSI 2	638000	3570	18.44	20.00	1.432	-	-	0.19	0.689	0.987
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Tilted	0mm	Ant 3	DSI 2	645332	3679.98	18.42	20.00	1.439	-	-	0.07	0.713	1.026
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Right Tilted	0mm	Ant 3	DSI 2	641666	3624.99	18.54	20.00	1.400	-	-	-0.09	0.733	1.026
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 3	DSI 2	641666	3624.99	18.66	20.00	1.361	-	-	-0.08	0.426	0.580
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Cheek	0mm	Ant 3	DSI 2	641666	3624.99	18.58	20.00	1.387	-	-	0.13	0.390	0.541
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 3	DSI 2	641666	3624.99	18.66	20.00	1.361	-	-	0.03	0.463	0.630
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Tilted	0mm	Ant 3	DSI 2	641666	3624.99	18.58	20.00	1.387	-	-	0.18	0.430	0.596
	FR1 n48_code2	40M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 3	DSI 2	641666	3624.99	18.66	20.00	1.361	-	-	-0.03	0.904	1.231
	FR1 n48_code3	40M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 3	DSI 2	641666	3624.99	18.66	20.00	1.361	-	-	0.06	0.937	1.276
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 5	DSI 2	641666	3624.99	19.09	20.10	1.262	-	-	-0.18	0.563	0.710
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Cheek	0mm	Ant 5	DSI 2	641666	3624.99	19.07	20.10	1.268	-	-	0.03	0.465	0.589
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 5	DSI 2	641666	3624.99	19.09	20.10	1.262	-	-	-0.15	0.747	0.943
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 5	DSI 2	638000	3570	18.98	20.10	1.294	-	-	0.18	0.702	0.909
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 5	DSI 2	645332	3679.98	19.04	20.10	1.276	-	-	-0.04	0.723	0.923
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Tilted	0mm	Ant 5	DSI 2	641666	3624.99	19.07	20.10	1.268	-	-	0.11	0.624	0.791
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Right Tilted	0mm	Ant 5	DSI 2	641666	3624.99	19.07	20.10	1.268	-	-	-0.08	0.589	0.747
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 5	DSI 2	641666	3624.99	19.09	20.10	1.262	-	-	-0.17	0.809	1.021
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 5	DSI 2	638000	3570	18.98	20.10	1.294	-	-	-0.08	0.754	0.976
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 5	DSI 2	645332	3679.98	19.04	20.10	1.276	-	-	-0.13	0.786	1.003
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Cheek	0mm	Ant 5	DSI 2	641666	3624.99	19.07	20.10	1.268	-	-	-0.08	0.728	0.923
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Cheek	0mm	Ant 5	DSI 2	638000	3570	18.96	20.10	1.300	-	-	-0.13	0.685	0.891
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Cheek	0mm	Ant 5	DSI 2	645332	3679.98	19.04	20.10	1.276	-	-	0.06	0.711	0.908
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Left Cheek	0mm	Ant 5	DSI 2	641666	3624.99	19.07	20.10	1.268	-	-	-0.04	0.678	0.859
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 5	DSI 2	641666	3624.99	19.09	20.10	1.262	-	-	-0.03	1.010	1.274
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 5	DSI 2	638000	3570	18.98	20.10	1.294	-	-	-0.03	0.922	1.193
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 5	DSI 2	645332	3679.98	19.04	20.10	1.276	-	-	-0.03	0.965	1.232
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Tilted	0mm	Ant 5	DSI 2	641666	3624.99	19.07	20.10	1.268	-	-	-0.08	0.847	1.074
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Tilted	0mm	Ant 5	DSI 2	638000	3570	18.96	20.10	1.300	-	-	0.08	0.811	1.054
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Tilted	0mm	Ant 5	DSI 2	645332	3679.98	19.04	20.10	1.276	-	-	-0.07	0.823	1.051
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Left Tilted	0mm	Ant 5	DSI 2	641666	3624.99	19.07	20.10	1.268	-	-	0.17	0.784	0.994
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4	DSI 2	656000	3840	16.08	17.10	1.265	-	-	-0.06	1.010	1.277
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4	DSI 2	656000	3840	15.98	17.10	1.294	-	-	0.08	0.920	1.191
	FR1 n77 Part 27O	100M	QPSK	270	0	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4	DSI 2	656000	3840	15.92	17.10	1.312	-	-	0.01	0.935	1.227
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 4	DSI 2	656000	3840	16.08	17.10	1.265	-	-	0.03	0.309	0.391
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 4	DSI 2	656000	3840	15.98	17.10	1.294	-	-	-0.08	0.281	0.364
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 4	DSI 2	656000	3840	16.08	17.10	1.265	-	-	0.1	0.244	0.309
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 4	DSI 2	656000	3840	15.98	17.10	1.294	-	-	-0.18	0.222	0.287
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 4	DSI 2	656000	3840	16.08	17.10	1.265	-	-	0.12	0.179	0.226
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 4	DSI 2	656000	3840	15.98	17.10	1.294	-	-	0.08	0.136	0.176
	FR1 n77 Part 27O HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4	DSI 2	656000	3840	19.09	20.10	1.262	50	1.000	0.17	0.979	1.235
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4	DSI 2	633334	3500.01	16.12	17.10	1.253	-	-	-0.02	0.702	0.880
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4	DSI 2	633334	3500.01	15.94	17.10	1.306	-	-	-0.03	0.662	0.865
	FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4	DSI 2	633334	3500.01	15.82	17.10	1.343	-	-	0.14	0.652	0.875
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 4	DSI 2	633334	3500.01	16.12	17.10	1.253	-	-	0.11	0.506	0.634
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 4	DSI 2	633334	3500.01	15.94	17.10	1.306	-	-	-0.05	0.546	0.713
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 4	DSI 2	633334	3500.01	16.12	17.10	1.253	-	-	0.14	0.176	0.221
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 4	DSI 2	633334	3500.01	15.94	17.10	1.306	-	-	-0.17	0.188	0.246
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 4	DSI 2	633334	3500.01	16.12	17.10	1.253	-	-	-0.05	0.249	0.312
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 4	DSI 2	633334	3500.01	15.94	17.10	1.306	-	-	0.01	0.268	0.350
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4	DSI 2	633334	3500.01	19.16	20.10	1.242	50	1.000	-0.05	0.692	0.859
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 8	DSI 2	656000	3840	18.65	19.30	1.161	-	-	-0.17	0.740	0.859
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 8	DSI 2	656000	3840	18.53	19.30	1.194	-	-	0.04	0.642	0.767

	FR1 n77 Part 27O	100M	QPSK	270	0	DFT-SCS-30KHz	Right Cheek	0mm	Ant 8	DSI 2	656000	3840	18.49	19.30	1.205	-	-	-0.01	0.599	0.722
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 8	DSI 2	656000	3840	18.65	19.30	1.161	-	-	-0.08	0.118	0.137
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 8	DSI 2	656000	3840	18.53	19.30	1.194	-	-	0.05	0.105	0.125
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 8	DSI 2	656000	3840	18.65	19.30	1.161	-	-	-0.04	0.998	1.159
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 8	DSI 2	656000	3840	18.53	19.30	1.194	-	-	0.06	0.869	1.038
	FR1 n77 Part 27O	100M	QPSK	270	0	DFT-SCS-30KHz	Left Cheek	0mm	Ant 8	DSI 2	656000	3840	18.49	19.30	1.205	-	-	-0.09	0.794	0.957
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 8	DSI 2	656000	3840	18.65	19.30	1.161	-	-	-0.08	0.168	0.195
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 8	DSI 2	656000	3840	18.53	19.30	1.194	-	-	0.13	0.142	0.170
	FR1 n77 Part 27O HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 8	DSI 2	656000	3840	21.69	22.30	1.151	50	1.000	0.16	0.993	1.143
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 8	DSI 2	633334	3500.01	18.53	19.30	1.194	-	-	0.03	0.671	0.801
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 8	DSI 2	633334	3500.01	18.50	19.30	1.202	-	-	0.18	0.795	0.956
	FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Right Cheek	0mm	Ant 8	DSI 2	633334	3500.01	18.35	19.30	1.245	-	-	0.16	0.769	0.957
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 8	DSI 2	633334	3500.01	18.53	19.30	1.194	-	-	-0.1	0.104	0.124
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 8	DSI 2	633334	3500.01	18.50	19.30	1.202	-	-	0.07	0.135	0.162
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 8	DSI 2	633334	3500.01	18.53	19.30	1.194	-	-	0.18	0.948	1.132
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 8	DSI 2	633334	3500.01	18.50	19.30	1.202	-	-	-0.08	0.999	1.201
	FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Left Cheek	0mm	Ant 8	DSI 2	633334	3500.01	18.35	19.30	1.245	-	-	-0.1	0.952	1.185
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 8	DSI 2	633334	3500.01	18.53	19.30	1.194	-	-	0.01	0.227	0.271
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 8	DSI 2	633334	3500.01	18.50	19.30	1.202	-	-	-0.15	0.262	0.315
	FR1 n77 Part 27Q HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 8	DSI 2	633334	3500.01	21.55	22.30	1.189	50	1.000	0.01	1.080	1.284
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 3	DSI 2	656000	3840	18.10	18.80	1.175	-	-	0.08	0.889	1.044
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 3	DSI 2	656000	3840	17.95	18.80	1.216	-	-	0.19	0.802	0.975
	FR1 n77 Part 27O	100M	QPSK	270	0	DFT-SCS-30KHz	Right Cheek	0mm	Ant 3	DSI 2	656000	3840	17.96	18.80	1.213	-	-	0.07	0.802	0.973
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 3	DSI 2	656000	3840	18.10	18.80	1.175	-	-	-0.18	0.680	0.799
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 3	DSI 2	656000	3840	17.95	18.80	1.216	-	-	0.03	0.598	0.727
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 3	DSI 2	656000	3840	18.10	18.80	1.175	-	-	-0.15	0.327	0.384
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 3	DSI 2	656000	3840	17.95	18.80	1.216	-	-	0.11	0.261	0.317
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 3	DSI 2	656000	3840	18.10	18.80	1.175	-	-	-0.17	0.370	0.435
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 3	DSI 2	656000	3840	17.95	18.80	1.216	-	-	-0.08	0.294	0.358
	FR1 n77 Part 27O HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 3	DSI 2	656000	3840	21.05	21.80	1.189	50	1.000	0.01	0.957	1.137
	FR1 n77 Part 27O_code2	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 3	DSI 2	656000	3840	18.10	18.80	1.175	-	-	-0.09	0.848	0.996
	FR1 n77 Part 27O_code3	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 3	DSI 2	656000	3840	18.10	18.80	1.175	-	-	-0.12	0.851	1.000
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 3	DSI 2	633334	3500.01	18.08	18.80	1.180	-	-	-0.08	0.914	1.079
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 3	DSI 2	633334	3500.01	17.72	18.80	1.282	-	-	0.17	0.772	0.990
	FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Right Cheek	0mm	Ant 3	DSI 2	633334	3500.01	17.78	18.80	1.265	-	-	0.18	0.776	0.981
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 3	DSI 2	633334	3500.01	18.08	18.80	1.180	-	-	0.17	1.070	1.263
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 3	DSI 2	633334	3500.01	17.72	18.80	1.282	-	-	-0.04	0.860	1.103
	FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Right Tilted	0mm	Ant 3	DSI 2	633334	3500.01	17.78	18.80	1.265	-	-	-0.08	0.863	1.091
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 3	DSI 2	633334	3500.01	18.08	18.80	1.180	-	-	-0.13	0.485	0.572
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 3	DSI 2	633334	3500.01	17.72	18.80	1.282	-	-	-0.13	0.387	0.496
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 3	DSI 2	633334	3500.01	18.08	18.80	1.180	-	-	-0.03	0.613	0.724
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 3	DSI 2	633334	3500.01	17.72	18.80	1.282	-	-	-0.03	0.480	0.616
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 3	DSI 2	633334	3500.01	21.05	21.80	1.189	50	1.000	0.1	1.080	1.284
	FR1 n77 Part 27Q HPUE_code2	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 3	DSI 2	633334	3500.01	21.05	21.80	1.189	50	1.000	-0.18	0.822	0.977
	FR1 n77 Part 27Q HPUE_code3	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 3	DSI 2	633334	3500.01	21.05	21.80	1.189	50	1.000	0.1	0.783	0.931
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 5	DSI 2	656000	3840	15.28	16.30	1.265	-	-	-0.07	0.452	0.572
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 5	DSI 2	656000	3840	15.21	16.30	1.285	-	-	0.05	0.376	0.483
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 5	DSI 2	656000	3840	15.28	16.30	1.265	-	-	-0.12	0.579	0.732
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 5	DSI 2	656000	3840	15.21	16.30	1.285	-	-	0.03	0.517	0.664
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 5	DSI 2	656000	3840	15.28	16.30	1.265	-	-	-0.02	0.826	1.045
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 5	DSI 2	656000	3840	15.21	16.30	1.285	-	-	0.15	0.806	1.036
	FR1 n77 Part 27O	100M	QPSK	270	0	DFT-SCS-30KHz	Left Cheek	0mm	Ant 5	DSI 2	656000	3840	15.21	16.30	1.285	-	-	-0.09	0.719	0.924
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 5	DSI 2	656000	3840	15.28	16.30	1.265	-	-	-0.07	1.020	1.290
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 5	DSI 2	656000	3840	15.21	16.30	1.285	-	-	0.11	0.984	1.265
	FR1 n77 Part 27O	100M	QPSK	270	0	DFT-SCS-30KHz	Left Tilted	0mm	Ant 5	DSI 2	656000	3840	15.21	16.30	1.285	-	-	-0.05	0.889	1.143
29	FR1 n77 Part 27O HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 5	DSI 2	656000	3840	18.11	19.30	1.315	50	1.000	-0.01	0.983	**1.293**

	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 5	DSI 2	633334	3500.01	15.26	16.30	1.271	-	-	0.16	0.351	0.446
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 5	DSI 2	633334	3500.01	15.25	16.30	1.274	-	-	0.05	0.380	0.484
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 5	DSI 2	633334	3500.01	15.26	16.30	1.271	-	-	-0.03	0.382	0.485
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 5	DSI 2	633334	3500.01	15.25	16.30	1.274	-	-	-0.15	0.443	0.564
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 5	DSI 2	633334	3500.01	15.26	16.30	1.271	-	-	0.07	0.421	0.535
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 5	DSI 2	633334	3500.01	15.25	16.30	1.274	-	-	0.16	0.489	0.623
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 5	DSI 2	633334	3500.01	15.26	16.30	1.271	-	-	-0.18	0.501	0.637
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 5	DSI 2	633334	3500.01	15.25	16.30	1.274	-	-	-0.08	0.624	0.795
	FR1 n77 Part 27Q HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 5	DSI 2	633334	3500.01	18.08	19.30	1.324	50	1.000	0.01	0.585	0.775

<UL MIMO>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant 2+3	DSI 2	376500	1882.5	17.98	19.10	1.294	-	-	0.08	0.946	1.224
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Right Cheek	0mm	Ant 2+3	DSI 2	376500	1882.5	17.84	19.10	1.337	-	-	0.01	0.786	1.051
	FR1 n25	45M	QPSK	240	0	DFT-SCS-15KHz	Right Cheek	0mm	Ant 2+3	DSI 2	376500	1882.5	17.77	19.10	1.358	-	-	0.03	0.740	1.005
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Right Tilted	0mm	Ant 2+3	DSI 2	376500	1882.5	17.98	19.10	1.294	-	-	-0.08	0.966	1.250
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Right Tilted	0mm	Ant 2+3	DSI 2	376500	1882.5	17.84	19.10	1.337	-	-	-0.08	0.823	1.100
	FR1 n25	45M	QPSK	240	0	DFT-SCS-15KHz	Right Tilted	0mm	Ant 2+3	DSI 2	376500	1882.5	17.77	19.10	1.358	-	-	0.1	0.770	1.046
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Left Cheek	0mm	Ant 2+3	DSI 2	376500	1882.5	17.98	19.10	1.294	-	-	-0.18	0.529	0.685
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Left Cheek	0mm	Ant 2+3	DSI 2	376500	1882.5	17.84	19.10	1.337	-	-	0.1	0.377	0.504
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Left Tilted	0mm	Ant 2+3	DSI 2	376500	1882.5	17.98	19.10	1.294	-	-	0.12	0.453	0.586
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Left Tilted	0mm	Ant 2+3	DSI 2	376500	1882.5	17.84	19.10	1.337	-	-	0.08	0.362	0.484
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant 0+1	DSI 2	376500	1882.5	25.78	27.00	1.324	-	-	-0.17	0.062	0.082
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Right Cheek	0mm	Ant 0+1	DSI 2	376500	1882.5	25.67	27.00	1.358	-	-	-0.03	0.065	0.088
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Right Tilted	0mm	Ant 0+1	DSI 2	376500	1882.5	25.78	27.00	1.324	-	-	0.14	0.009	0.012
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Right Tilted	0mm	Ant 0+1	DSI 2	376500	1882.5	25.67	27.00	1.358	-	-	0.11	0.002	0.003
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Left Cheek	0mm	Ant 0+1	DSI 2	376500	1882.5	25.78	27.00	1.324	-	-	-0.05	0.058	0.077
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Left Cheek	0mm	Ant 0+1	DSI 2	376500	1882.5	25.67	27.00	1.358	-	-	0.18	0.058	0.079
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Left Tilted	0mm	Ant 0+1	DSI 2	376500	1882.5	25.78	27.00	1.324	-	-	0.14	0.021	0.028
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Left Tilted	0mm	Ant 0+1	DSI 2	376500	1882.5	25.67	27.00	1.358	-	-	-0.17	0.019	0.026
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 2+3	DSI 2	518598	2592.99	18.27	19.60	1.358	50	1.000	0.17	0.412	0.560
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 2+3	DSI 2	518598	2592.99	18.22	19.60	1.374	50	1.000	-0.05	0.402	0.552
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 2+3	DSI 2	518598	2592.99	18.27	19.60	1.358	50	1.000	0.01	0.425	0.577
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 2+3	DSI 2	518598	2592.99	18.22	19.60	1.374	50	1.000	0.1	0.348	0.478
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 2+3	DSI 2	518598	2592.99	18.27	19.60	1.358	50	1.000	-0.17	0.929	1.262
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 2+3	DSI 2	518598	2592.99	18.22	19.60	1.374	50	1.000	0.04	0.753	1.035
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Left Cheek	0mm	Ant 2+3	DSI 2	518598	2592.99	18.16	19.60	1.393	50	1.000	0.06	0.730	1.017
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 2+3	DSI 2	518598	2592.99	18.27	19.60	1.358	50	1.000	-0.01	0.193	0.262
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 2+3	DSI 2	518598	2592.99	18.22	19.60	1.374	50	1.000	-0.08	0.153	0.210
	FR1 n41 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 2+3	DSI 2	518598	2592.99	21.30	22.60	1.349	25	1.000	0.06	0.908	1.225
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 0+1	DSI 2	518598	2592.99	26.59	27.00	1.099	50	1.000	0.05	0.182	0.200
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 0+1	DSI 2	518598	2592.99	26.47	27.00	1.130	50	1.000	0.06	0.167	0.189
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 0+1	DSI 2	518598	2592.99	26.59	27.00	1.099	50	1.000	-0.09	0.022	0.024
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 0+1	DSI 2	518598	2592.99	26.47	27.00	1.130	50	1.000	-0.08	0.030	0.034
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 0+1	DSI 2	518598	2592.99	26.59	27.00	1.099	50	1.000	0.13	0.080	0.088
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 0+1	DSI 2	518598	2592.99	26.47	27.00	1.130	50	1.000	0.12	0.088	0.099
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 0+1	DSI 2	518598	2592.99	26.59	27.00	1.099	50	1.000	0.03	0.043	0.047
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 0+1	DSI 2	518598	2592.99	26.47	27.00	1.130	50	1.000	0.18	0.054	0.061
	FR1 n41 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 0+1	DSI 2	518598	2592.99	29.40	30.00	1.148	25	1.000	0.06	0.163	0.187
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4+8	DSI 2	641666	3624.99	19.37	20.90	1.422	-	-	0.16	0.787	1.119
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4+8	DSI 2	638000	3570	19.14	20.90	1.499	-	-	0.07	0.742	1.112
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4+8	DSI 2	645332	3679.98	19.20	20.90	1.479	-	-	-0.18	0.751	1.111
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4+8	DSI 2	641666	3624.99	19.32	20.90	1.439	-	-	-0.1	0.733	1.055
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4+8	DSI 2	638000	3570	19.14	20.90	1.500	-	-	0.03	0.688	1.032

	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4+8	DSI 2	645332	3679.98	19.25	20.90	1.462	-	-	-0.15	0.700	1.023
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4+8	DSI 2	641666	3624.99	19.25	20.90	1.462	-	-	-0.15	0.677	0.990
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 4+8	DSI 2	641666	3624.99	19.37	20.90	1.422	-	-	0.07	0.266	0.378
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Tilted	0mm	Ant 4+8	DSI 2	641666	3624.99	19.32	20.90	1.439	-	-	0.18	0.210	0.302
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 4+8	DSI 2	641666	3624.99	19.37	20.90	1.422	-	-	-0.1	0.885	1.259
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 4+8	DSI 2	638000	3570	19.14	20.90	1.499	-	-	0.11	0.831	1.245
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 4+8	DSI 2	645332	3679.98	19.20	20.90	1.479	-	-	-0.08	0.809	1.196
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Cheek	0mm	Ant 4+8	DSI 2	641666	3624.99	19.32	20.90	1.439	-	-	0.01	0.752	1.082
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Cheek	0mm	Ant 4+8	DSI 2	638000	3570	19.14	20.90	1.500	-	-	-0.17	0.709	1.064
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Cheek	0mm	Ant 4+8	DSI 2	645332	3679.98	19.25	20.90	1.462	-	-	-0.08	0.719	1.051
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Left Cheek	0mm	Ant 4+8	DSI 2	641666	3624.99	19.25	20.90	1.462	-	-	-0.04	0.707	1.033
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 4+8	DSI 2	641666	3624.99	19.37	20.90	1.422	-	-	-0.15	0.262	0.373
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Tilted	0mm	Ant 4+8	DSI 2	641666	3624.99	19.32	20.90	1.439	-	-	0.19	0.251	0.361
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4+5	DSI 2	641666	3624.99	18.69	20.20	1.416	-	-	-0.08	0.631	0.893
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4+5	DSI 2	638000	3570	18.50	20.20	1.481	-	-	-0.03	0.601	0.890
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4+5	DSI 2	645332	3679.98	18.54	20.20	1.465	-	-	-0.03	0.588	0.862
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4+5	DSI 2	641666	3624.99	18.64	20.20	1.432	-	-	0.17	0.581	0.832
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4+5	DSI 2	638000	3570	18.54	20.20	1.467	-	-	0.08	0.551	0.808
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4+5	DSI 2	645332	3679.98	18.59	20.20	1.450	-	-	-0.07	0.560	0.812
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4+5	DSI 2	641666	3624.99	18.60	20.20	1.447	-	-	0.05	0.541	0.783
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 4+5	DSI 2	641666	3624.99	18.69	20.20	1.416	-	-	0.18	0.719	1.018
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 4+5	DSI 2	638000	3570	18.50	20.20	1.481	-	-	-0.11	0.675	0.999
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 4+5	DSI 2	645332	3679.98	18.54	20.20	1.465	-	-	-0.12	0.666	0.976
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Tilted	0mm	Ant 4+5	DSI 2	641666	3624.99	18.64	20.20	1.432	-	-	-0.04	0.720	1.031
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Tilted	0mm	Ant 4+5	DSI 2	638000	3570	18.54	20.20	1.467	-	-	0.03	0.689	1.011
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Tilted	0mm	Ant 4+5	DSI 2	645332	3679.98	18.59	20.20	1.450	-	-	-0.16	0.674	0.977
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Right Tilted	0mm	Ant 4+5	DSI 2	641666	3624.99	18.60	20.20	1.447	-	-	-0.02	0.635	0.919
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 4+5	DSI 2	641666	3624.99	18.69	20.20	1.416	-	-	-0.08	0.634	0.898
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 4+5	DSI 2	638000	3570	18.50	20.20	1.481	-	-	0.15	0.599	0.887
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 4+5	DSI 2	645332	3679.98	18.54	20.20	1.465	-	-	-0.09	0.602	0.882
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Cheek	0mm	Ant 4+5	DSI 2	641666	3624.99	18.64	20.20	1.432	-	-	-0.13	0.611	0.875
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Cheek	0mm	Ant 4+5	DSI 2	638000	3570	18.54	20.20	1.467	-	-	0.11	0.578	0.848
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Cheek	0mm	Ant 4+5	DSI 2	645332	3679.98	18.59	20.20	1.450	-	-	-0.05	0.566	0.821
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Left Cheek	0mm	Ant 4+5	DSI 2	641666	3624.99	18.60	20.20	1.447	-	-	-0.08	0.549	0.794
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 4+5	DSI 2	641666	3624.99	18.69	20.20	1.416	-	-	-0.13	0.896	1.269
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 4+5	DSI 2	638000	3570	18.50	20.20	1.481	-	-	0.16	0.823	1.219
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 4+5	DSI 2	645332	3679.98	18.54	20.20	1.465	-	-	0.05	0.835	1.223
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Tilted	0mm	Ant 4+5	DSI 2	641666	3624.99	18.64	20.20	1.432	-	-	0.06	0.815	1.167
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Tilted	0mm	Ant 4+5	DSI 2	638000	3570	18.54	20.20	1.467	-	-	0.05	0.785	1.152
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Tilted	0mm	Ant 4+5	DSI 2	645332	3679.98	18.59	20.20	1.450	-	-	-0.03	0.764	1.108
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Left Tilted	0mm	Ant 4+5	DSI 2	641666	3624.99	18.60	20.20	1.447	-	-	-0.15	0.752	1.088
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 3+8	DSI 2	641666	3624.99	19.96	21.60	1.459	-	-	0.02	0.869	1.268
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 3+8	DSI 2	638000	3570	19.75	21.60	1.533	-	-	0.07	0.814	1.248
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 3+8	DSI 2	645332	3679.98	19.77	21.60	1.523	-	-	0.05	0.802	1.222
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Cheek	0mm	Ant 3+8	DSI 2	641666	3624.99	19.94	21.60	1.466	-	-	0.07	0.773	1.133
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Cheek	0mm	Ant 3+8	DSI 2	638000	3570	19.75	21.60	1.531	-	-	0.01	0.715	1.095
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Cheek	0mm	Ant 3+8	DSI 2	645332	3679.98	19.83	21.60	1.504	-	-	-0.01	0.708	1.065
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Right Cheek	0mm	Ant 3+8	DSI 2	641666	3624.99	19.88	21.60	1.486	-	-	-0.06	0.701	1.042
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 3+8	DSI 2	641666	3624.99	19.96	21.60	1.459	-	-	0.16	0.817	1.192
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 3+8	DSI 2	638000	3570	19.75	21.60	1.533	-	-	-0.04	0.738	1.131
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 3+8	DSI 2	645332	3679.98	19.77	21.60	1.523	-	-	-0.09	0.730	1.112
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Tilted	0mm	Ant 3+8	DSI 2	641666	3624.99	19.94	21.60	1.466	-	-	0.13	0.805	1.180
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Tilted	0mm	Ant 3+8	DSI 2	638000	3570	19.75	21.60	1.531	-	-	-0.17	0.737	1.128
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Tilted	0mm	Ant 3+8	DSI 2	645332	3679.98	19.83	21.60	1.504	-	-	-0.1	0.723	1.087
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Right Tilted	0mm	Ant 3+8	DSI 2	641666	3624.99	19.88	21.60	1.486	-	-	0.18	0.714	1.061
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 3+8	DSI 2	641666	3624.99	19.96	21.60	1.459	-	-	-0.18	0.715	1.043

	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 3+8	DSI 2	638000	3570	19.75	21.60	1.533	-	-	-0.17	0.667	1.022
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 3+8	DSI 2	645332	3679.98	19.77	21.60	1.523	-	-	-0.04	0.642	0.978
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Cheek	0mm	Ant 3+8	DSI 2	641666	3624.99	19.94	21.60	1.466	-	-	0.02	0.703	1.030
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Cheek	0mm	Ant 3+8	DSI 2	638000	3570	19.75	21.60	1.531	-	-	-0.05	0.615	0.941
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Cheek	0mm	Ant 3+8	DSI 2	645332	3679.98	19.83	21.60	1.504	-	-	-0.09	0.631	0.949
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Left Cheek	0mm	Ant 3+8	DSI 2	641666	3624.99	19.88	21.60	1.486	-	-	-0.13	0.602	0.895
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 3+8	DSI 2	641666	3624.99	19.96	21.60	1.459	-	-	0.16	0.506	0.738
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Tilted	0mm	Ant 3+8	DSI 2	641666	3624.99	19.94	21.60	1.466	-	-	-0.03	0.483	0.708
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 3+5	DSI 2	641666	3624.99	19.76	21.10	1.361	-	-	0.02	0.550	0.749
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Cheek	0mm	Ant 3+5	DSI 2	641666	3624.99	19.73	21.10	1.371	-	-	-0.13	0.519	0.711
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 3+5	DSI 2	641666	3624.99	19.76	21.10	1.361	-	-	0.17	0.632	0.860
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 3+5	DSI 2	638000	3570	19.57	21.10	1.424	-	-	0.06	0.584	0.832
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 3+5	DSI 2	645332	3679.98	19.64	21.10	1.401	-	-	-0.19	0.591	0.828
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Tilted	0mm	Ant 3+5	DSI 2	641666	3624.99	19.73	21.10	1.371	-	-	-0.04	0.609	0.835
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Tilted	0mm	Ant 3+5	DSI 2	638000	3570	19.63	21.10	1.404	-	-	-0.15	0.567	0.796
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Tilted	0mm	Ant 3+5	DSI 2	645332	3679.98	19.63	21.10	1.403	-	-	0.11	0.562	0.788
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Right Tilted	0mm	Ant 3+5	DSI 2	641666	3624.99	19.71	21.10	1.379	-	-	-0.02	0.565	0.779
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 3+5	DSI 2	641666	3624.99	19.76	21.10	1.361	-	-	0.1	0.531	0.723
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Cheek	0mm	Ant 3+5	DSI 2	641666	3624.99	19.73	21.10	1.371	-	-	0.04	0.509	0.698
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 3+5	DSI 2	641666	3624.99	19.76	21.10	1.361	-	-	0.13	0.931	1.268
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 3+5	DSI 2	638000	3570	19.57	21.10	1.424	-	-	-0.18	0.879	1.252
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 3+5	DSI 2	645332	3679.98	19.64	21.10	1.401	-	-	-0.11	0.848	1.188
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Tilted	0mm	Ant 3+5	DSI 2	641666	3624.99	19.73	21.10	1.371	-	-	-0.16	0.885	1.213
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Tilted	0mm	Ant 3+5	DSI 2	638000	3570	19.63	21.10	1.404	-	-	-0.15	0.843	1.184
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Tilted	0mm	Ant 3+5	DSI 2	645332	3679.98	19.63	21.10	1.403	-	-	-0.06	0.856	1.201
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Left Tilted	0mm	Ant 3+5	DSI 2	641666	3624.99	19.71	21.10	1.379	-	-	-0.14	0.817	1.126
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant 2+3	DSI 2	349000	1745	19.46	20.60	1.300	-	-	0.01	0.989	1.286
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Right Cheek	0mm	Ant 2+3	DSI 2	349000	1745	19.42	20.60	1.312	-	-	0.06	0.734	0.963
	FR1 n66	45M	QPSK	240	0	DFT-SCS-15KHz	Right Cheek	0mm	Ant 2+3	DSI 2	349000	1745	19.37	20.60	1.327	-	-	-0.05	0.722	0.958
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Right Tilted	0mm	Ant 2+3	DSI 2	349000	1745	19.46	20.60	1.300	-	-	0.02	0.632	0.822
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Right Tilted	0mm	Ant 2+3	DSI 2	349000	1745	19.42	20.60	1.312	-	-	0.12	0.623	0.818
	FR1 n66	45M	QPSK	240	0	DFT-SCS-15KHz	Right Tilted	0mm	Ant 2+3	DSI 2	349000	1745	19.37	20.60	1.327	-	-	-0.13	0.611	0.811
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Left Cheek	0mm	Ant 2+3	DSI 2	349000	1745	19.46	20.60	1.300	-	-	-0.16	0.402	0.523
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Left Cheek	0mm	Ant 2+3	DSI 2	349000	1745	19.42	20.60	1.312	-	-	-0.12	0.401	0.526
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Left Tilted	0mm	Ant 2+3	DSI 2	349000	1745	19.46	20.60	1.300	-	-	0.07	0.356	0.463
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Left Tilted	0mm	Ant 2+3	DSI 2	349000	1745	19.42	20.60	1.312	-	-	-0.02	0.351	0.461
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant 0+1	DSI 2	349000	1745	25.76	26.50	1.186	-	-	0.08	0.020	0.024
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Right Cheek	0mm	Ant 0+1	DSI 2	349000	1745	25.70	26.50	1.202	-	-	0.16	0.015	0.018
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Right Tilted	0mm	Ant 0+1	DSI 2	349000	1745	25.76	26.50	1.186	-	-	0.01	0.007	0.008
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Right Tilted	0mm	Ant 0+1	DSI 2	349000	1745	25.70	26.50	1.202	-	-	-0.16	0.003	0.004
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Left Cheek	0mm	Ant 0+1	DSI 2	349000	1745	25.76	26.50	1.186	-	-	0.1	0.030	0.036
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Left Cheek	0mm	Ant 0+1	DSI 2	349000	1745	25.70	26.50	1.202	-	-	-0.04	0.031	0.037
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Left Tilted	0mm	Ant 0+1	DSI 2	349000	1745	25.76	26.50	1.186	-	-	-0.01	0.010	0.012
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Left Tilted	0mm	Ant 0+1	DSI 2	349000	1745	25.70	26.50	1.202	-	-	-0.06	0.005	0.006
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4+8	DSI 2	656000	3840	19.20	20.50	1.349	50	1.000	-0.15	0.945	1.275
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4+8	DSI 2	656000	3840	19.12	20.50	1.374	50	1.000	0.03	0.756	1.039
	FR1 n77 Part 27O	100M	QPSK	270	0	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4+8	DSI 2	656000	3840	19.07	20.50	1.389	50	1.000	0.06	0.722	1.003
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 4+8	DSI 2	656000	3840	19.20	20.50	1.349	50	1.000	-0.13	0.245	0.330
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 4+8	DSI 2	656000	3840	19.12	20.50	1.374	50	1.000	0.16	0.221	0.304
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 4+8	DSI 2	656000	3840	19.20	20.50	1.349	50	1.000	-0.15	0.493	0.665
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 4+8	DSI 2	656000	3840	19.12	20.50	1.374	50	1.000	-0.02	0.413	0.567
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 4+8	DSI 2	656000	3840	19.20	20.50	1.349	50	1.000	-0.09	0.154	0.208
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 4+8	DSI 2	656000	3840	19.12	20.50	1.374	50	1.000	0.14	0.137	0.188
	FR1 n77 Part 27O PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4+8	DSI 2	656000	3840	22.20	23.50	1.350	25	1.000	0.06	0.931	1.257
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4+5	DSI 2	656000	3840	18.47	20.00	1.422	50	1.000	0.1	0.617	0.878
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4+5	DSI 2	656000	3840	18.42	20.00	1.439	50	1.000	-0.09	0.605	0.870

	FR1 n77 Part 27O	100M	QPSK	270	0	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4+5	DSI 2	656000	3840	18.41	20.00	1.442	50	1.000	0.08	0.597	0.861
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 4+5	DSI 2	656000	3840	18.47	20.00	1.422	50	1.000	0.07	0.452	0.643
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 4+5	DSI 2	656000	3840	18.42	20.00	1.439	50	1.000	-0.09	0.419	0.603
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 4+5	DSI 2	656000	3840	18.47	20.00	1.422	50	1.000	-0.16	0.533	0.758
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 4+5	DSI 2	656000	3840	18.42	20.00	1.439	50	1.000	-0.18	0.508	0.731
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 4+5	DSI 2	656000	3840	18.47	20.00	1.422	50	1.000	-0.07	0.891	1.267
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 4+5	DSI 2	656000	3840	18.42	20.00	1.439	50	1.000	0.11	0.757	1.089
	FR1 n77 Part 27O	100M	QPSK	270	0	DFT-SCS-30KHz	Left Tilted	0mm	Ant 4+5	DSI 2	656000	3840	18.41	20.00	1.442	50	1.000	0.19	0.741	1.069
	FR1 n77 Part 27O PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 4+5	DSI 2	656000	3840	21.40	23.00	1.446	25	1.000	0.02	0.847	1.225
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 3+8	DSI 2	656000	3840	21.20	22.60	1.380	50	1.000	-0.1	0.578	0.798
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 3+8	DSI 2	656000	3840	21.10	22.60	1.412	50	1.000	-0.01	0.562	0.793
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 3+8	DSI 2	656000	3840	21.20	22.60	1.380	50	1.000	-0.09	0.661	0.912
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 3+8	DSI 2	656000	3840	21.10	22.60	1.412	50	1.000	-0.06	0.610	0.861
	FR1 n77 Part 27O	100M	QPSK	270	0	DFT-SCS-30KHz	Right Tilted	0mm	Ant 3+8	DSI 2	656000	3840	21.09	22.60	1.417	50	1.000	-0.06	0.602	0.853
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 3+8	DSI 2	656000	3840	21.20	22.60	1.380	50	1.000	-0.17	0.917	1.265
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 3+8	DSI 2	656000	3840	21.10	22.60	1.412	50	1.000	-0.01	0.645	0.911
	FR1 n77 Part 27O	100M	QPSK	270	0	DFT-SCS-30KHz	Left Cheek	0mm	Ant 3+8	DSI 2	656000	3840	21.09	22.60	1.417	50	1.000	-0.03	0.638	0.904
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 3+8	DSI 2	656000	3840	21.20	22.60	1.380	50	1.000	-0.11	0.329	0.454
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 3+8	DSI 2	656000	3840	21.10	22.60	1.412	50	1.000	0.14	0.311	0.439
	FR1 n77 Part 27O PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 3+8	DSI 2	656000	3840	24.18	25.60	1.388	25	1.000	0.06	0.886	1.230
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4+8	DSI 2	633334	3500.01	19.19	20.50	1.352	50	1.000	0.1	0.702	0.949
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4+8	DSI 2	633334	3500.01	19.05	20.50	1.396	50	1.000	0.16	0.662	0.924
	FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4+8	DSI 2	633334	3500.01	18.96	20.50	1.425	50	1.000	0.06	0.633	0.902
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 4+8	DSI 2	633334	3500.01	19.19	20.50	1.352	50	1.000	-0.06	0.506	0.684
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 4+8	DSI 2	633334	3500.01	19.05	20.50	1.396	50	1.000	0.02	0.546	0.762
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 4+8	DSI 2	633334	3500.01	19.19	20.50	1.352	50	1.000	-0.16	0.176	0.238
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 4+8	DSI 2	633334	3500.01	19.05	20.50	1.396	50	1.000	0.05	0.188	0.263
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 4+8	DSI 2	633334	3500.01	19.19	20.50	1.352	50	1.000	-0.03	0.249	0.337
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 4+8	DSI 2	633334	3500.01	19.05	20.50	1.396	50	1.000	0.17	0.268	0.374
	FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4+8	DSI 2	633334	3500.01	22.18	23.50	1.355	25	1.000	0.02	0.701	0.950
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4+5	DSI 2	633334	3500.01	18.49	20.00	1.416	50	1.000	0.16	0.473	0.670
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4+5	DSI 2	633334	3500.01	18.46	20.00	1.426	50	1.000	0.05	0.461	0.657
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 4+5	DSI 2	633334	3500.01	18.49	20.00	1.416	50	1.000	-0.06	0.307	0.435
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 4+5	DSI 2	633334	3500.01	18.46	20.00	1.426	50	1.000	-0.13	0.273	0.389
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 4+5	DSI 2	633334	3500.01	18.49	20.00	1.416	50	1.000	-0.01	0.428	0.606
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 4+5	DSI 2	633334	3500.01	18.46	20.00	1.426	50	1.000	-0.11	0.363	0.517
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 4+5	DSI 2	633334	3500.01	18.49	20.00	1.416	50	1.000	0.19	0.750	1.062
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 4+5	DSI 2	633334	3500.01	18.46	20.00	1.426	50	1.000	-0.14	0.615	0.877
	FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Left Tilted	0mm	Ant 4+5	DSI 2	633334	3500.01	18.41	20.00	1.442	50	1.000	0.02	0.600	0.865
	FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 4+5	DSI 2	633334	3500.01	21.52	23.00	1.406	25	1.000	0.01	0.735	1.034
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 3+8	DSI 2	633334	3500.01	21.15	22.60	1.396	50	1.000	-0.06	0.525	0.733
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 3+8	DSI 2	633334	3500.01	20.95	22.60	1.462	50	1.000	0.02	0.482	0.705
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 3+8	DSI 2	633334	3500.01	21.15	22.60	1.396	50	1.000	0.16	0.551	0.769
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 3+8	DSI 2	633334	3500.01	20.95	22.60	1.462	50	1.000	0.01	0.530	0.775
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 3+8	DSI 2	633334	3500.01	21.15	22.60	1.396	50	1.000	-0.04	0.697	0.973
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 3+8	DSI 2	633334	3500.01	20.95	22.60	1.462	50	1.000	0.13	0.565	0.826
	FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Left Cheek	0mm	Ant 3+8	DSI 2	633334	3500.01	20.92	22.60	1.472	50	1.000	0.02	0.548	0.806
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 3+8	DSI 2	633334	3500.01	21.15	22.60	1.396	50	1.000	0.12	0.249	0.348
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 3+8	DSI 2	633334	3500.01	20.95	22.60	1.462	50	1.000	0.07	0.231	0.338
	FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 3+8	DSI 2	633334	3500.01	24.15	25.60	1.396	25	1.000	0.03	0.683	0.953

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
2450MHz																
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 7+6(6)	Standalone	6	2437	14.22	15.50	1.343	97.06	1.030	0.19	0.197	0.272
	WLAN2.4GHz	802.11b 1Mbps	Right Tilted	0mm	Ant 7+6(6)	Standalone	6	2437	14.22	15.50	1.343	97.06	1.030	-0.02	0.215	0.297
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 7+6(6)	Standalone	6	2437	14.22	15.50	1.343	97.06	1.030	0.14	0.924	1.278
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 7+6(6)	Standalone	1	2412	14.11	15.50	1.377	97.06	1.030	0.11	0.866	1.228
30	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 7+6(7)	Standalone	11	2462	13.61	15.00	1.377	97.06	1.030	-0.13	0.956	**1.356**
	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 7+6(6)	Standalone	6	2437	14.22	15.50	1.343	97.06	1.030	-0.01	0.380	0.526
	WLAN2.4GHz	802.11n-HT40 MCS0	Left Cheek	0mm	Ant 7+6(6)	Standalone	9	2452	13.96	15.50	1.426	99.63	1.004	0.02	0.831	1.189
	Bluetooth	1Mbps	Right Cheek	0mm	Ant 6	Standalone	39	2441	18.30	18.50	1.047	77.07	1.081	-0.04	0.404	0.457
	Bluetooth	1Mbps	Right Tilted	0mm	Ant 6	Standalone	39	2441	18.30	18.50	1.047	77.07	1.081	-0.08	0.510	0.577
	Bluetooth	1Mbps	Left Cheek	0mm	Ant 6	Standalone	39	2441	18.30	18.50	1.047	77.07	1.081	-0.01	0.787	0.891
	Bluetooth	1Mbps	Left Cheek	0mm	Ant 6	Standalone	0	2402	18.20	18.50	1.072	77.07	1.081	0.06	0.741	0.858
	Bluetooth	1Mbps	Left Tilted	0mm	Ant 6	Standalone	39	2441	18.30	18.50	1.047	77.07	1.081	0.07	0.670	0.758
	Bluetooth	1Mbps	Right Cheek	0mm	Ant 7	Standalone	39	2441	13.95	15.00	1.274	77.07	1.081	-0.07	0.333	0.458
	Bluetooth	1Mbps	Right Tilted	0mm	Ant 7	Standalone	39	2441	13.95	15.00	1.274	77.07	1.081	-0.17	0.195	0.268
31	Bluetooth	1Mbps	Left Cheek	0mm	Ant 7	Standalone	39	2441	13.95	15.00	1.274	77.07	1.081	-0.02	0.935	**1.287**
	Bluetooth	1Mbps	Left Cheek	0mm	Ant 7	Standalone	0	2402	13.84	15.00	1.306	77.07	1.081	-0.09	0.692	0.977
	Bluetooth	1Mbps	Left Cheek	0mm	Ant 7	Standalone	78	2480	13.75	15.00	1.334	77.07	1.081	0.07	0.708	1.021
	Bluetooth	1Mbps	Left Tilted	0mm	Ant 7	Standalone	39	2441	13.95	15.00	1.274	77.07	1.081	0.17	0.283	0.390
5000MHz																
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 7+5(5)	Standalone	58	5290	16.77	18.00	1.327	99.63	1.004	0.08	0.567	0.756
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 7+5(5)	Standalone	58	5290	16.77	18.00	1.327	99.63	1.004	-0.08	0.521	0.694
32	WLAN5.3GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 7+5(5)	Standalone	58	5290	16.77	18.00	1.327	99.63	1.004	0.05	0.856	**1.141**
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 7+5(5)	Standalone	58	5290	16.77	18.00	1.327	99.63	1.004	0.1	0.757	1.009
	WLAN5.5GHz	802.11ac-VHT160 MCS0	Right Cheek	0mm	Ant 7+5(5)	Standalone	114	5570	15.81	17.00	1.315	100	1.000	0.1	0.392	0.516
	WLAN5.5GHz	802.11ac-VHT160 MCS0	Right Tilted	0mm	Ant 7+5(5)	Standalone	114	5570	15.81	17.00	1.315	100	1.000	0.02	0.383	0.504
33	WLAN5.5GHz	802.11ac-VHT160 MCS0	Left Cheek	0mm	Ant 7+5(5)	Standalone	114	5570	15.81	17.00	1.315	100	1.000	0.08	0.875	**1.151**
	WLAN5.5GHz	802.11ac-VHT160 MCS0	Left Tilted	0mm	Ant 7+5(5)	Standalone	114	5570	15.81	17.00	1.315	100	1.000	-0.05	0.521	0.685
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 7+5(5)	Standalone	155	5775	16.44	17.50	1.276	99.63	1.004	0.17	0.254	0.326
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 7+5(5)	Standalone	155	5775	16.44	17.50	1.276	99.63	1.004	0.01	0.209	0.268
34	WLAN5.8GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 7+5(5)	Standalone	155	5775	16.44	17.50	1.276	99.63	1.004	0.05	0.892	**1.143**
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 7+5(5)	Standalone	155	5775	16.44	17.50	1.276	99.63	1.004	-0.01	0.307	0.393

16.2 Hotspot SAR

<Flip Open>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
750MHz																				
	LTE Band 71	20M	QPSK	1	0	-	Front	5mm	Ant 0	DSI 7	133322	683	22.65	24.00	1.365	-	-	0.08	0.457	0.624
	LTE Band 71	20M	QPSK	50	0	-	Front	5mm	Ant 0	DSI 7	133322	683	21.68	23.00	1.355	-	-	0.01	0.296	0.401
	LTE Band 71	20M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 7	133322	683	22.65	24.00	1.365	-	-	0.03	0.463	0.632
	LTE Band 71	20M	QPSK	50	0	-	Back	5mm	Ant 0	DSI 7	133322	683	21.68	23.00	1.355	-	-	-0.08	0.303	0.411
	LTE Band 71	20M	QPSK	1	0	-	Left Side	5mm	Ant 0	DSI 7	133322	683	22.65	24.00	1.365	-	-	-0.08	0.092	0.126
	LTE Band 71	20M	QPSK	50	0	-	Left Side	5mm	Ant 0	DSI 7	133322	683	21.68	23.00	1.355	-	-	0.1	0.056	0.076
	LTE Band 71	20M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 7	133322	683	22.65	24.00	1.365	-	-	0.03	0.658	0.898
	LTE Band 71	20M	QPSK	50	0	-	Right Side	5mm	Ant 0	DSI 7	133322	683	21.68	23.00	1.355	-	-	-0.18	0.514	0.697
	LTE Band 71	20M	QPSK	100	0	-	Right Side	5mm	Ant 0	DSI 7	133322	683	21.63	23.00	1.371	-	-	0.1	0.496	0.680
	LTE Band 71	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 7	133322	683	22.65	24.00	1.365	-	-	0.12	0.367	0.501
	LTE Band 71	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 0	DSI 7	133322	683	21.68	23.00	1.355	-	-	0.08	0.221	0.299
	LTE Band 71_Other Path	20M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 7	133322	683	22.65	24.00	1.365	-	-	-0.15	0.614	0.838
	LTE Band 71	20M	QPSK	1	0	-	Front	5mm	Ant 1	DSI 7	133322	683	22.61	24.00	1.377	-	-	-0.17	0.670	0.923
	LTE Band 71	20M	QPSK	50	0	-	Front	5mm	Ant 1	DSI 7	133322	683	21.66	23.00	1.361	-	-	-0.03	0.528	0.719
	LTE Band 71	20M	QPSK	100	0	-	Front	5mm	Ant 1	DSI 7	133322	683	21.64	23.00	1.368	-	-	0.02	0.500	0.684
	LTE Band 71	20M	QPSK	1	0	-	Back	5mm	Ant 1	DSI 7	133322	683	22.61	24.00	1.377	-	-	0.14	0.802	1.105
	LTE Band 71	20M	QPSK	50	0	-	Back	5mm	Ant 1	DSI 7	133322	683	21.66	23.00	1.361	-	-	0.11	0.623	0.848
	LTE Band 71	20M	QPSK	100	0	-	Back	5mm	Ant 1	DSI 7	133322	683	21.64	23.00	1.368	-	-	-0.05	0.612	0.837
35	LTE Band 71	20M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 7	133322	683	22.61	24.00	1.377	-	-	0.13	0.836	**1.151**
	LTE Band 71	20M	QPSK	50	0	-	Left Side	5mm	Ant 1	DSI 7	133322	683	21.66	23.00	1.361	-	-	0.18	0.667	0.908
	LTE Band 71	20M	QPSK	100	0	-	Left Side	5mm	Ant 1	DSI 7	133322	683	21.64	23.00	1.368	-	-	0.14	0.646	0.884
	LTE Band 71	20M	QPSK	1	0	-	Right Side	5mm	Ant 1	DSI 7	133322	683	22.61	24.00	1.377	-	-	-0.17	0.117	0.161
	LTE Band 71	20M	QPSK	50	0	-	Right Side	5mm	Ant 1	DSI 7	133322	683	21.66	23.00	1.361	-	-	0.17	0.095	0.129
	LTE Band 71	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 1	DSI 7	133322	683	22.61	24.00	1.377	-	-	-0.05	0.718	0.989
	LTE Band 71	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 1	DSI 7	133322	683	21.66	23.00	1.361	-	-	0.01	0.485	0.660
	LTE Band 71	20M	QPSK	100	0	-	Bottom Side	5mm	Ant 1	DSI 7	133322	683	21.64	23.00	1.368	-	-	0.02	0.466	0.637
	LTE Band 71_Other Path	20M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 7	133322	683	22.61	24.00	1.377	-	-	0.11	0.785	1.081
	LTE Band 12	10M	QPSK	1	0	-	Front	5mm	Ant 0	DSI 7	23095	707.5	22.96	24.00	1.271	-	-	0.1	0.479	0.609
	LTE Band 12	10M	QPSK	25	0	-	Front	5mm	Ant 0	DSI 7	23095	707.5	21.96	23.00	1.271	-	-	-0.17	0.280	0.356
	LTE Band 12	10M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 7	23095	707.5	22.96	24.00	1.271	-	-	0.04	0.550	0.699
	LTE Band 12	10M	QPSK	25	0	-	Back	5mm	Ant 0	DSI 7	23095	707.5	21.96	23.00	1.271	-	-	-0.01	0.294	0.374
	LTE Band 12	10M	QPSK	1	0	-	Left Side	5mm	Ant 0	DSI 7	23095	707.5	22.96	24.00	1.271	-	-	-0.08	0.061	0.078
	LTE Band 12	10M	QPSK	25	0	-	Left Side	5mm	Ant 0	DSI 7	23095	707.5	21.96	23.00	1.271	-	-	0.05	0.039	0.050
36	LTE Band 12	10M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 7	23095	707.5	22.96	24.00	1.271	-	-	-0.09	0.711	**0.903**
	LTE Band 12	10M	QPSK	25	0	-	Right Side	5mm	Ant 0	DSI 7	23095	707.5	21.96	23.00	1.271	-	-	0.06	0.552	0.701
	LTE Band 12	10M	QPSK	50	0	-	Right Side	5mm	Ant 0	DSI 7	23095	707.5	21.93	23.00	1.279	-	-	-0.09	0.538	0.688
	LTE Band 12	10M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 7	23095	707.5	22.96	24.00	1.271	-	-	-0.08	0.450	0.572
	LTE Band 12	10M	QPSK	25	0	-	Bottom Side	5mm	Ant 0	DSI 7	23095	707.5	21.96	23.00	1.271	-	-	0.13	0.240	0.305
	LTE Band 12_Other Path	10M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 7	23095	707.5	22.96	24.00	1.271	-	-	-0.15	0.684	0.869
	LTE Band 12	10M	QPSK	1	0	-	Front	5mm	Ant 1	DSI 7	23095	707.5	22.92	24.00	1.282	-	-	-0.17	0.527	0.676
	LTE Band 12	10M	QPSK	25	0	-	Front	5mm	Ant 1	DSI 7	23095	707.5	21.92	23.00	1.282	-	-	-0.03	0.297	0.381
	LTE Band 12	10M	QPSK	1	0	-	Back	5mm	Ant 1	DSI 7	23095	707.5	22.92	24.00	1.282	-	-	0.02	0.652	0.836
	LTE Band 12	10M	QPSK	25	0	-	Back	5mm	Ant 1	DSI 7	23095	707.5	21.92	23.00	1.282	-	-	0.14	0.497	0.637
	LTE Band 12	10M	QPSK	50	0	-	Back	5mm	Ant 1	DSI 7	23095	707.5	21.88	23.00	1.294	-	-	0.11	0.481	0.623
	LTE Band 12	10M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 7	23095	707.5	22.92	24.00	1.282	-	-	-0.1	0.638	0.818
	LTE Band 12	10M	QPSK	25	0	-	Left Side	5mm	Ant 1	DSI 7	23095	707.5	21.92	23.00	1.282	-	-	0.07	0.488	0.626
	LTE Band 12	10M	QPSK	50	0	-	Left Side	5mm	Ant 1	DSI 7	23095	707.5	21.88	23.00	1.294	-	-	0.18	0.463	0.599
	LTE Band 12	10M	QPSK	1	0	-	Right Side	5mm	Ant 1	DSI 7	23095	707.5	22.92	24.00	1.282	-	-	-0.1	0.060	0.077
	LTE Band 12	10M	QPSK	25	0	-	Right Side	5mm	Ant 1	DSI 7	23095	707.5	21.92	23.00	1.282	-	-	0.01	0.042	0.054

	LTE Band 12	10M	QPSK	1	0	-	Bottom Side	5mm	Ant 1	DSI 7	23095	707.5	22.92	24.00	1.282	-	-	-0.15	0.531	0.681
	LTE Band 12	10M	QPSK	25	0	-	Bottom Side	5mm	Ant 1	DSI 7	23095	707.5	21.92	23.00	1.282	-	-	0.19	0.282	0.362
	LTE Band 12_Other Path	10M	QPSK	1	0	-	Back	5mm	Ant 1	DSI 7	23095	707.5	22.92	24.00	1.282	-	-	0.03	0.611	0.784
	LTE Band 13	10M	QPSK	1	0	-	Front	5mm	Ant 0	DSI 7	23230	782	22.07	23.00	1.239	-	-	0.01	0.455	0.564
	LTE Band 13	10M	QPSK	25	0	-	Front	5mm	Ant 0	DSI 7	23230	782	21.06	22.00	1.242	-	-	0.03	0.306	0.380
	LTE Band 13	10M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 7	23230	782	22.07	23.00	1.239	-	-	-0.08	0.546	0.676
	LTE Band 13	10M	QPSK	25	0	-	Back	5mm	Ant 0	DSI 7	23230	782	21.06	22.00	1.242	-	-	-0.08	0.300	0.372
	LTE Band 13	10M	QPSK	1	0	-	Left Side	5mm	Ant 0	DSI 7	23230	782	22.07	23.00	1.239	-	-	0.1	0.081	0.100
	LTE Band 13	10M	QPSK	25	0	-	Left Side	5mm	Ant 0	DSI 7	23230	782	21.06	22.00	1.242	-	-	-0.18	0.051	0.063
37	LTE Band 13	10M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 7	23230	782	22.07	23.00	1.239	-	-	-0.03	0.595	**0.737**
	LTE Band 13	10M	QPSK	25	0	-	Right Side	5mm	Ant 0	DSI 7	23230	782	21.06	22.00	1.242	-	-	0.1	0.321	0.399
	LTE Band 13	10M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 7	23230	782	22.07	23.00	1.239	-	-	0.12	0.352	0.436
	LTE Band 13	10M	QPSK	25	0	-	Bottom Side	5mm	Ant 0	DSI 7	23230	782	21.06	22.00	1.242	-	-	0.08	0.201	0.250
	LTE Band 13_Other Path	10M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 7	23230	782	22.07	23.00	1.239	-	-	-0.18	0.548	0.679
	LTE Band 13	10M	QPSK	1	0	-	Front	5mm	Ant 1	DSI 7	23230	782	22.28	23.00	1.180	-	-	-0.17	0.337	0.398
	LTE Band 13	10M	QPSK	25	0	-	Front	5mm	Ant 1	DSI 7	23230	782	21.34	22.00	1.164	-	-	-0.03	0.275	0.320
	LTE Band 13	10M	QPSK	1	0	-	Back	5mm	Ant 1	DSI 7	23230	782	22.28	23.00	1.180	-	-	0.14	0.374	0.441
	LTE Band 13	10M	QPSK	25	0	-	Back	5mm	Ant 1	DSI 7	23230	782	21.34	22.00	1.164	-	-	0.11	0.294	0.342
	LTE Band 13	10M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 7	23230	782	22.28	23.00	1.180	-	-	0.06	0.553	0.653
	LTE Band 13	10M	QPSK	25	0	-	Left Side	5mm	Ant 1	DSI 7	23230	782	21.34	22.00	1.164	-	-	-0.05	0.308	0.359
	LTE Band 13	10M	QPSK	1	0	-	Right Side	5mm	Ant 1	DSI 7	23230	782	22.28	23.00	1.180	-	-	0.18	0.095	0.112
	LTE Band 13	10M	QPSK	25	0	-	Right Side	5mm	Ant 1	DSI 7	23230	782	21.34	22.00	1.164	-	-	0.14	0.060	0.070
	LTE Band 13	10M	QPSK	1	0	-	Bottom Side	5mm	Ant 1	DSI 7	23230	782	22.28	23.00	1.180	-	-	-0.17	0.344	0.406
	LTE Band 13	10M	QPSK	25	0	-	Bottom Side	5mm	Ant 1	DSI 7	23230	782	21.34	22.00	1.164	-	-	0.17	0.201	0.234
	LTE Band 13_Other Path	10M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 7	23230	782	22.28	23.00	1.180	-	-	0.07	0.521	0.615
	LTE Band 14	10M	QPSK	1	0	-	Front	5mm	Ant 0	DSI 7	23330	793	22.50	24.00	1.413	-	-	-0.05	0.571	0.807
	LTE Band 14	10M	QPSK	25	0	-	Front	5mm	Ant 0	DSI 7	23330	793	21.55	23.00	1.396	-	-	0.01	0.423	0.591
	LTE Band 14	10M	QPSK	50	0	-	Front	5mm	Ant 0	DSI 7	23330	793	21.54	23.00	1.400	-	-	-0.08	0.416	0.582
	LTE Band 14	10M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 7	23330	793	22.50	24.00	1.413	-	-	0.1	0.638	0.901
	LTE Band 14	10M	QPSK	25	0	-	Back	5mm	Ant 0	DSI 7	23330	793	21.55	23.00	1.396	-	-	-0.17	0.500	0.698
	LTE Band 14	10M	QPSK	50	0	-	Back	5mm	Ant 0	DSI 7	23330	793	21.54	23.00	1.400	-	-	0.13	0.495	0.693
	LTE Band 14	10M	QPSK	1	0	-	Left Side	5mm	Ant 0	DSI 7	23330	793	22.50	24.00	1.413	-	-	0.04	0.105	0.148
	LTE Band 14	10M	QPSK	25	0	-	Left Side	5mm	Ant 0	DSI 7	23330	793	21.55	23.00	1.396	-	-	-0.01	0.093	0.130
38	LTE Band 14	10M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 7	23330	793	22.50	24.00	1.413	-	-	-0.02	0.643	**0.908**
	LTE Band 14	10M	QPSK	25	0	-	Right Side	5mm	Ant 0	DSI 7	23330	793	21.55	23.00	1.396	-	-	-0.08	0.550	0.768
	LTE Band 14	10M	QPSK	50	0	-	Right Side	5mm	Ant 0	DSI 7	23330	793	21.54	23.00	1.400	-	-	0.12	0.544	0.761
	LTE Band 14	10M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 7	23330	793	22.50	24.00	1.413	-	-	0.05	0.384	0.542
	LTE Band 14	10M	QPSK	25	0	-	Bottom Side	5mm	Ant 0	DSI 7	23330	793	21.55	23.00	1.396	-	-	0.06	0.319	0.445
	LTE Band 14_Other Path	10M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 7	23330	793	22.50	24.00	1.413	-	-	0.19	0.611	0.863
	LTE Band 14	10M	QPSK	1	0	-	Front	5mm	Ant 1	DSI 7	23330	793	22.33	23.00	1.167	-	-	0.04	0.487	0.568
	LTE Band 14	10M	QPSK	25	0	-	Front	5mm	Ant 1	DSI 7	23330	793	21.36	22.00	1.159	-	-	-0.01	0.256	0.297
	LTE Band 14	10M	QPSK	1	0	-	Back	5mm	Ant 1	DSI 7	23330	793	22.33	23.00	1.167	-	-	-0.09	0.544	0.635
	LTE Band 14	10M	QPSK	25	0	-	Back	5mm	Ant 1	DSI 7	23330	793	21.36	22.00	1.159	-	-	-0.08	0.317	0.367
	LTE Band 14	10M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 7	23330	793	22.33	23.00	1.167	-	-	-0.1	0.519	0.606
	LTE Band 14	10M	QPSK	25	0	-	Left Side	5mm	Ant 1	DSI 7	23330	793	21.36	22.00	1.159	-	-	0.07	0.301	0.349
	LTE Band 14	10M	QPSK	1	0	-	Right Side	5mm	Ant 1	DSI 7	23330	793	22.33	23.00	1.167	-	-	0.18	0.094	0.110
	LTE Band 14	10M	QPSK	25	0	-	Right Side	5mm	Ant 1	DSI 7	23330	793	21.36	22.00	1.159	-	-	-0.1	0.056	0.065
	LTE Band 14	10M	QPSK	1	0	-	Bottom Side	5mm	Ant 1	DSI 7	23330	793	22.33	23.00	1.167	-	-	0.01	0.312	0.364
	LTE Band 14	10M	QPSK	25	0	-	Bottom Side	5mm	Ant 1	DSI 7	23330	793	21.36	22.00	1.159	-	-	-0.15	0.193	0.224
	LTE Band 14_Other Path	10M	QPSK	1	0	-	Back	5mm	Ant 1	DSI 7	23330	793	22.33	23.00	1.167	-	-	-0.15	0.522	0.609
	FR1 n71	35M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0	DSI 7	136100	680.5	23.08	24.00	1.236	-	-	0.19	0.231	0.286
	FR1 n71	35M	QPSK	90	45	DFT-SCS-15KHz	Front	5mm	Ant 0	DSI 7	136100	680.5	23.06	24.00	1.242	-	-	0.07	0.294	0.365
	FR1 n71	35M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 7	136100	680.5	23.08	24.00	1.236	-	-	-0.18	0.272	0.336
	FR1 n71	35M	QPSK	90	45	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 7	136100	680.5	23.06	24.00	1.242	-	-	0.03	0.351	0.436
	FR1 n71	35M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 0	DSI 7	136100	680.5	23.08	24.00	1.236	-	-	-0.15	0.000	0.000
	FR1 n71	35M	QPSK	90	45	DFT-SCS-15KHz	Left Side	5mm	Ant 0	DSI 7	136100	680.5	23.06	24.00	1.242	-	-	-0.15	0.067	0.083

	FR1 n71	35M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 0	DSI 7	136100	680.5	23.08	24.00	1.236	-	-	0.11	0.412	0.509
	FR1 n71	35M	QPSK	90	45	DFT-SCS-15KHz	Right Side	5mm	Ant 0	DSI 7	136100	680.5	23.06	24.00	1.242	-	-	0.09	0.494	0.613
	FR1 n71	35M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0	DSI 7	136100	680.5	23.08	24.00	1.236	-	-	-0.08	0.167	0.206
	FR1 n71	35M	QPSK	90	45	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0	DSI 7	136100	680.5	23.06	24.00	1.242	-	-	-0.17	0.236	0.293
	FR1 n71_Main PA	35M	QPSK	90	45	DFT-SCS-15KHz	Right Side	5mm	Ant 0	DSI 7	136100	680.5	23.26	24.00	1.186	-	-	-0.02	0.505	0.599
	FR1 n71	35M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 1	DSI 7	136100	680.5	22.99	24.00	1.262	-	-	-0.1	0.318	0.401
	FR1 n71	35M	QPSK	90	45	DFT-SCS-15KHz	Front	5mm	Ant 1	DSI 7	136100	680.5	22.81	24.00	1.315	-	-	0.19	0.303	0.399
	FR1 n71	35M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI 7	136100	680.5	22.99	24.00	1.262	-	-	-0.18	0.417	0.526
	FR1 n71	35M	QPSK	90	45	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI 7	136100	680.5	22.81	24.00	1.315	-	-	-0.07	0.393	0.517
	FR1 n71	35M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 1	DSI 7	136100	680.5	22.99	24.00	1.262	-	-	0.08	0.459	0.579
39	FR1 n71	35M	QPSK	90	45	DFT-SCS-15KHz	Left Side	5mm	Ant 1	DSI 7	136100	680.5	22.81	24.00	1.315	-	-	-0.03	0.470	**0.618**
	FR1 n71	35M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 1	DSI 7	136100	680.5	22.99	24.00	1.262	-	-	-0.13	0.338	0.426
	FR1 n71	35M	QPSK	90	45	DFT-SCS-15KHz	Bottom Side	5mm	Ant 1	DSI 7	136100	680.5	22.81	24.00	1.315	-	-	-0.07	0.333	0.438
	FR1 n71_Other Path	35M	QPSK	90	45	DFT-SCS-15KHz	Left Side	5mm	Ant 1	DSI 7	136100	680.5	23.02	24.00	1.253	-	-	-0.18	0.441	0.553
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0	DSI 7	141500	707.5	23.64	24.50	1.219	-	-	-0.01	0.365	0.445
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Front	5mm	Ant 0	DSI 7	141500	707.5	23.60	24.50	1.230	-	-	0.16	0.377	0.464
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 7	141500	707.5	23.64	24.50	1.219	-	-	-0.18	0.407	0.496
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 7	141500	707.5	23.60	24.50	1.230	-	-	0.1	0.437	0.538
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 0	DSI 7	141500	707.5	23.64	24.50	1.219	-	-	0.05	0.069	0.084
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Left Side	5mm	Ant 0	DSI 7	141500	707.5	23.60	24.50	1.230	-	-	0.07	0.068	0.084
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 0	DSI 7	141500	707.5	23.64	24.50	1.219	-	-	0.11	0.551	0.672
40	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Right Side	5mm	Ant 0	DSI 7	141500	707.5	23.60	24.50	1.230	-	-	-0.02	0.581	**0.715**
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0	DSI 7	141500	707.5	23.64	24.50	1.219	-	-	-0.04	0.245	0.299
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0	DSI 7	141500	707.5	23.60	24.50	1.230	-	-	0.1	0.285	0.351
	FR1 n12_Other Path	15M	QPSK	36	22	DFT-SCS-15KHz	Right Side	5mm	Ant 0	DSI 7	141500	707.5	23.76	24.50	1.186	-	-	-0.08	0.571	0.677
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 1	DSI 7	141500	707.5	23.47	24.00	1.130	-	-	-0.08	0.264	0.298
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Front	5mm	Ant 1	DSI 7	141500	707.5	23.39	24.00	1.151	-	-	-0.05	0.248	0.285
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI 7	141500	707.5	23.47	24.00	1.130	-	-	-0.05	0.343	0.388
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI 7	141500	707.5	23.39	24.00	1.151	-	-	-0.18	0.318	0.366
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 1	DSI 7	141500	707.5	23.47	24.00	1.130	-	-	-0.16	0.338	0.382
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Left Side	5mm	Ant 1	DSI 7	141500	707.5	23.39	24.00	1.151	-	-	-0.08	0.315	0.363
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 1	DSI 7	141500	707.5	23.47	24.00	1.130	-	-	0.14	0.267	0.302
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Bottom Side	5mm	Ant 1	DSI 7	141500	707.5	23.39	24.00	1.151	-	-	-0.13	0.259	0.298
	FR1 n12_Other Path	15M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI 7	141500	707.5	23.52	24.00	1.117	-	-	-0.08	0.336	0.375
	FR1 n14	10M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0	DSI 7	158600	793	23.70	24.50	1.202	-	-	-0.08	0.423	0.509
	FR1 n14	10M	QPSK	25	14	DFT-SCS-15KHz	Front	5mm	Ant 0	DSI 7	158600	793	23.61	24.50	1.227	-	-	0.18	0.429	0.527
	FR1 n14	10M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 7	158600	793	23.70	24.50	1.202	-	-	0.1	0.471	0.566
	FR1 n14	10M	QPSK	25	14	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 7	158600	793	23.61	24.50	1.227	-	-	-0.11	0.498	0.611
	FR1 n14	10M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 0	DSI 7	158600	793	23.70	24.50	1.202	-	-	0.19	0.048	0.058
	FR1 n14	10M	QPSK	25	14	DFT-SCS-15KHz	Left Side	5mm	Ant 0	DSI 7	158600	793	23.61	24.50	1.227	-	-	-0.03	0.050	0.061
	FR1 n14	10M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 0	DSI 7	158600	793	23.70	24.50	1.202	-	-	0.1	0.481	0.578
	FR1 n14	10M	QPSK	25	14	DFT-SCS-15KHz	Right Side	5mm	Ant 0	DSI 7	158600	793	23.61	24.50	1.227	-	-	0.08	0.484	0.594
	FR1 n14	10M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0	DSI 7	158600	793	23.70	24.50	1.202	-	-	-0.11	0.318	0.382
	FR1 n14	10M	QPSK	25	14	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0	DSI 7	158600	793	23.61	24.50	1.227	-	-	-0.13	0.323	0.396
	FR1 n14_Other Path	10M	QPSK	25	14	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 7	158600	793	23.33	24.00	1.167	-	-	-0.06	0.500	0.583
	FR1 n14	10M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 1	DSI 7	158600	793	23.13	24.00	1.222	-	-	0.03	0.422	0.516
	FR1 n14	10M	QPSK	25	14	DFT-SCS-15KHz	Front	5mm	Ant 1	DSI 7	158600	793	23.09	24.00	1.233	-	-	0.04	0.354	0.437
41	FR1 n14	10M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI 7	158600	793	23.13	24.00	1.222	-	-	0.03	0.520	**0.635**
	FR1 n14	10M	QPSK	25	14	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI 7	158600	793	23.09	24.00	1.233	-	-	-0.09	0.440	0.543
	FR1 n14	10M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 1	DSI 7	158600	793	23.13	24.00	1.222	-	-	0.03	0.463	0.566
	FR1 n14	10M	QPSK	25	14	DFT-SCS-15KHz	Left Side	5mm	Ant 1	DSI 7	158600	793	23.09	24.00	1.233	-	-	-0.04	0.443	0.546
	FR1 n14	10M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 1	DSI 7	158600	793	23.13	24.00	1.222	-	-	-0.1	0.353	0.431
	FR1 n14	10M	QPSK	25	14	DFT-SCS-15KHz	Bottom Side	5mm	Ant 1	DSI 7	158600	793	23.09	24.00	1.233	-	-	0.08	0.306	0.377
	FR1 n14_Main PA	10M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI 7	158600	793	23.39	24.00	1.151	-	-	-0.11	0.531	0.611
835MHz																				
	GSM850	-	-	-	-	GPRS (3 Tx slots)	Front	5mm	Ant 0	DSI 7	189	836.4	28.07	29.00	1.239	-	-	0.05	0.462	0.572

	GSM850	-	-	-	-	GPRS (3 Tx slots)	Back	5mm	Ant 0	DSI 7	189	836.4	28.07	29.00	1.239	-	-	-0.04	0.552	0.684
	GSM850	-	-	-	-	GPRS (3 Tx slots)	Left Side	5mm	Ant 0	DSI 7	189	836.4	28.07	29.00	1.239	-	-	-0.04	0.060	0.074
	GSM850	-	-	-	-	GPRS (3 Tx slots)	Right Side	5mm	Ant 0	DSI 7	189	836.4	28.07	29.00	1.239	-	-	-0.08	0.537	0.665
	GSM850	-	-	-	-	GPRS (3 Tx slots)	Bottom Side	5mm	Ant 0	DSI 7	189	836.4	28.07	29.00	1.239	-	-	0.17	0.368	0.456
	GSM850	-	-	-	-	GPRS (3 Tx slots)	Front	5mm	Ant 1	DSI 7	189	836.4	27.48	29.00	1.419	-	-	0.06	0.397	0.563
42	GSM850	-	-	-	-	GPRS (3 Tx slots)	Back	5mm	Ant 1	DSI 7	189	836.4	27.48	29.00	1.419	-	-	-0.06	0.484	**0.687**
	GSM850	-	-	-	-	GPRS (3 Tx slots)	Left Side	5mm	Ant 1	DSI 7	189	836.4	27.48	29.00	1.419	-	-	-0.13	0.416	0.590
	GSM850	-	-	-	-	GPRS (3 Tx slots)	Right Side	5mm	Ant 1	DSI 7	189	836.4	27.48	29.00	1.419	-	-	-0.13	0.075	0.106
	GSM850	-	-	-	-	GPRS (3 Tx slots)	Bottom Side	5mm	Ant 1	DSI 7	189	836.4	27.48	29.00	1.419	-	-	0.06	0.309	0.438
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 0	DSI 7	4182	836.4	23.26	24.00	1.186	-	-	-0.03	0.666	0.790
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	DSI 7	4182	836.4	23.26	24.00	1.186	-	-	-0.07	0.699	0.829
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	DSI 7	4132	826.4	23.23	24.00	1.194	-	-	0.05	0.755	0.901
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	DSI 7	4233	846.6	23.25	24.00	1.189	-	-	-0.11	0.695	0.826
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Left Side	5mm	Ant 0	DSI 7	4182	836.4	23.26	24.00	1.186	-	-	-0.12	0.083	0.098
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Right Side	5mm	Ant 0	DSI 7	4182	836.4	23.26	24.00	1.186	-	-	0.03	0.762	0.904
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Right Side	5mm	Ant 0	DSI 7	4132	826.4	23.23	24.00	1.194	-	-	-0.01	0.795	0.949
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Right Side	5mm	Ant 0	DSI 7	4233	846.6	23.25	24.00	1.189	-	-	-0.16	0.709	0.843
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Bottom Side	5mm	Ant 0	DSI 7	4182	836.4	23.26	24.00	1.186	-	-	-0.02	0.455	0.540
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 1	DSI 7	4182	836.4	23.66	24.00	1.081	-	-	-0.1	0.651	0.704
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 1	DSI 7	4182	836.4	23.66	24.00	1.081	-	-	-0.1	0.749	0.810
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 1	DSI 7	4132	826.4	23.65	24.00	1.084	-	-	0.01	0.777	0.842
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 1	DSI 7	4233	846.6	23.61	24.00	1.094	-	-	-0.14	0.781	0.854
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Left Side	5mm	Ant 1	DSI 7	4182	836.4	23.66	24.00	1.081	-	-	0.16	0.682	0.738
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Right Side	5mm	Ant 1	DSI 7	4182	836.4	23.66	24.00	1.081	-	-	-0.03	0.056	0.061
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Bottom Side	5mm	Ant 1	DSI 7	4182	836.4	23.66	24.00	1.081	-	-	-0.15	0.531	0.574
	LTE Band 26	15M	QPSK	1	0	-	Front	5mm	Ant 0	DSI 7	26865	831.5	22.85	24.00	1.303	-	-	-0.15	0.689	0.898
	LTE Band 26	15M	QPSK	36	0	-	Front	5mm	Ant 0	DSI 7	26865	831.5	21.87	23.00	1.297	-	-	0.19	0.545	0.707
	LTE Band 26	15M	QPSK	75	0	-	Front	5mm	Ant 0	DSI 7	26865	831.5	21.85	23.00	1.303	-	-	0.03	0.526	0.685
	LTE Band 26	15M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 7	26865	831.5	22.85	24.00	1.303	-	-	0.01	0.735	0.958
	LTE Band 26	15M	QPSK	36	0	-	Back	5mm	Ant 0	DSI 7	26865	831.5	21.87	23.00	1.297	-	-	0.07	0.576	0.747
	LTE Band 26	15M	QPSK	75	0	-	Back	5mm	Ant 0	DSI 7	26865	831.5	21.85	23.00	1.303	-	-	-0.18	0.570	0.743
	LTE Band 26	15M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 7	26865	831.5	22.85	24.00	1.303	-	-	0.16	0.664	0.865
	LTE Band 26	15M	QPSK	36	0	-	Right Side	5mm	Ant 0	DSI 7	26865	831.5	21.87	23.00	1.297	-	-	-0.03	0.518	0.672
	LTE Band 26	15M	QPSK	75	0	-	Right Side	5mm	Ant 0	DSI 7	26865	831.5	21.85	23.00	1.303	-	-	0.02	0.510	0.665
	LTE Band 26	15M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 7	26865	831.5	22.85	24.00	1.303	-	-	0.07	0.429	0.559
	LTE Band 26	15M	QPSK	36	0	-	Bottom Side	5mm	Ant 0	DSI 7	26865	831.5	21.87	23.00	1.297	-	-	0.01	0.227	0.294
	LTE Band 5_Other Path	10M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 7	20525	836.5	22.78	24.00	1.324	-	-	-0.08	0.711	0.942
	LTE Band 5B	10M	QPSK	1	49	-	Back	5mm	Ant 0	DSI 7	20476+ 20575	831.6+ 841.5	22.63	24.00	1.371	-	-	0.06	0.654	0.897
	LTE Band 26	15M	QPSK	1	0	-	Front	5mm	Ant 1	DSI 7	26865	831.5	22.46	24.00	1.426	-	-	-0.15	0.528	0.753
	LTE Band 26	15M	QPSK	36	0	-	Front	5mm	Ant 1	DSI 7	26865	831.5	21.49	23.00	1.416	-	-	-0.15	0.292	0.413
	LTE Band 26	15M	QPSK	1	0	-	Back	5mm	Ant 1	DSI 7	26865	831.5	22.46	24.00	1.426	-	-	-0.17	0.632	0.901
	LTE Band 26	15M	QPSK	36	0	-	Back	5mm	Ant 1	DSI 7	26865	831.5	21.49	23.00	1.416	-	-	0.11	0.495	0.701
	LTE Band 26	15M	QPSK	75	0	-	Back	5mm	Ant 1	DSI 7	26865	831.5	21.46	23.00	1.426	-	-	-0.08	0.473	0.674
	LTE Band 26	15M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 7	26865	831.5	22.46	24.00	1.426	-	-	-0.17	0.630	0.898
	LTE Band 26	15M	QPSK	36	0	-	Left Side	5mm	Ant 1	DSI 7	26865	831.5	21.49	23.00	1.416	-	-	-0.1	0.316	0.447
	LTE Band 26	15M	QPSK	75	0	-	Left Side	5mm	Ant 1	DSI 7	26865	831.5	21.46	23.00	1.426	-	-	0.18	0.340	0.485
	LTE Band 26	15M	QPSK	1	0	-	Right Side	5mm	Ant 1	DSI 7	26865	831.5	22.46	24.00	1.426	-	-	-0.17	0.064	0.091
	LTE Band 26	15M	QPSK	36	0	-	Right Side	5mm	Ant 1	DSI 7	26865	831.5	21.49	23.00	1.416	-	-	-0.04	0.032	0.045
	LTE Band 26	15M	QPSK	1	0	-	Bottom Side	5mm	Ant 1	DSI 7	26865	831.5	22.46	24.00	1.426	-	-	-0.05	0.460	0.656
	LTE Band 26	15M	QPSK	36	0	-	Bottom Side	5mm	Ant 1	DSI 7	26865	831.5	21.49	23.00	1.416	-	-	-0.13	0.168	0.238
	LTE Band 5_Other Path	10M	QPSK	1	0	-	Back	5mm	Ant 1	DSI 7	20525	836.5	22.28	24.00	1.486	-	-	-0.17	0.594	0.883
	LTE Band 5B	10M	QPSK	1	49	-	Back	5mm	Ant 1	DSI 7	20476+ 20575	831.6+ 841.5	22.15	24.00	1.531	-	-	0.03	0.574	0.879
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0	DSI 7	166300	831.5	23.33	24.00	1.167	-	-	-0.15	0.438	0.511
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Front	5mm	Ant 0	DSI 7	166300	831.5	23.28	24.00	1.180	-	-	0.11	0.429	0.506

	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 7	166300	831.5	23.33	24.00	1.167	-	-	0.08	0.512	0.597
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 7	166300	831.5	23.28	24.00	1.180	-	-	0.14	0.470	0.555
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 0	DSI 7	166300	831.5	23.33	24.00	1.167	-	-	0.06	0.081	0.095
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Left Side	5mm	Ant 0	DSI 7	166300	831.5	23.28	24.00	1.180	-	-	-0.13	0.090	0.106
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 0	DSI 7	166300	831.5	23.33	24.00	1.167	-	-	0.07	0.508	0.593
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Right Side	5mm	Ant 0	DSI 7	166300	831.5	23.28	24.00	1.180	-	-	0.17	0.476	0.562
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0	DSI 7	166300	831.5	23.33	24.00	1.167	-	-	0.1	0.269	0.314
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0	DSI 7	166300	831.5	23.28	24.00	1.180	-	-	0.17	0.248	0.293
	FR1 n26_Main PA	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 7	166300	831.5	23.60	24.00	1.096	-	-	-0.02	0.513	0.562
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 1	DSI 7	166300	831.5	23.20	24.00	1.202	-	-	0.02	0.439	0.528
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Front	5mm	Ant 1	DSI 7	166300	831.5	23.10	24.00	1.230	-	-	-0.03	0.413	0.508
43	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI 7	166300	831.5	23.20	24.00	1.202	-	-	-0.11	0.540	**0.649**
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI 7	166300	831.5	23.10	24.00	1.230	-	-	-0.16	0.516	0.635
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 1	DSI 7	166300	831.5	23.20	24.00	1.202	-	-	0.01	0.476	0.572
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Left Side	5mm	Ant 1	DSI 7	166300	831.5	23.10	24.00	1.230	-	-	0.04	0.441	0.543
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 1	DSI 7	166300	831.5	23.20	24.00	1.202	-	-	0.14	0.060	0.072
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Right Side	5mm	Ant 1	DSI 7	166300	831.5	23.10	24.00	1.230	-	-	-0.07	0.055	0.068
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 1	DSI 7	166300	831.5	23.20	24.00	1.202	-	-	-0.08	0.323	0.388
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Bottom Side	5mm	Ant 1	DSI 7	166300	831.5	23.10	24.00	1.230	-	-	0.04	0.330	0.406
	FR1 n26_Other Path	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI 7	166300	831.5	23.20	24.00	1.202	-	-	0.01	0.534	0.642
1750MHz																				
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 2	DSI 7	1413	1732.6	16.83	18.10	1.340	-	-	0.08	0.580	0.777
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 2	DSI 7	1413	1732.6	16.83	18.10	1.340	-	-	-0.08	0.584	0.782
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Left Side	5mm	Ant 2	DSI 7	1413	1732.6	16.83	18.10	1.340	-	-	0.06	0.947	1.269
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Left Side	5mm	Ant 2	DSI 7	1312	1712.4	16.78	18.10	1.355	-	-	-0.18	0.904	1.225
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Left Side	5mm	Ant 2	DSI 7	1513	1752.6	16.81	18.10	1.346	-	-	0.1	0.935	1.258
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Right Side	5mm	Ant 2	DSI 7	1413	1732.6	16.83	18.10	1.340	-	-	0.12	0.037	0.050
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Top Side	5mm	Ant 2	DSI 7	1413	1732.6	16.83	18.10	1.340	-	-	0.08	0.078	0.104
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 0	DSI 7	1413	1732.6	21.78	22.60	1.208	-	-	0.08	0.777	0.938
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 0	DSI 7	1312	1712.4	21.75	22.60	1.216	-	-	-0.17	0.783	0.952
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 0	DSI 7	1513	1752.6	21.72	22.60	1.225	-	-	-0.03	0.763	0.934
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	DSI 7	1413	1732.6	21.78	22.60	1.208	-	-	0.14	0.885	1.069
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	DSI 7	1312	1712.4	21.75	22.60	1.216	-	-	0.11	0.952	1.158
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	DSI 7	1513	1752.6	21.72	22.60	1.225	-	-	-0.05	0.835	1.023
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Left Side	5mm	Ant 0	DSI 7	1413	1732.6	21.78	22.60	1.208	-	-	0.18	0.143	0.173
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Right Side	5mm	Ant 0	DSI 7	1413	1732.6	21.78	22.60	1.208	-	-	0.14	0.934	1.128
44	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Right Side	5mm	Ant 0	DSI 7	1312	1712.4	21.75	22.60	1.216	-	-	-0.02	1.060	**1.289**
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Right Side	5mm	Ant 0	DSI 7	1513	1752.6	21.72	22.60	1.225	-	-	-0.17	0.859	1.052
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Bottom Side	5mm	Ant 0	DSI 7	1413	1732.6	21.78	22.60	1.208	-	-	0.17	0.940	1.135
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Bottom Side	5mm	Ant 0	DSI 7	1312	1712.4	21.75	22.60	1.216	-	-	-0.05	0.970	1.180
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Bottom Side	5mm	Ant 0	DSI 7	1513	1752.6	21.72	22.60	1.225	-	-	0.01	0.895	1.096
	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 2	DSI 7	132322	1745	18.36	19.20	1.213	-	-	0.08	0.631	0.766
	LTE Band 66	20M	QPSK	50	0	-	Front	5mm	Ant 2	DSI 7	132322	1745	18.33	19.20	1.222	-	-	-0.08	0.363	0.444
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 2	DSI 7	132322	1745	18.36	19.20	1.213	-	-	0.1	0.643	0.780
	LTE Band 66	20M	QPSK	50	0	-	Back	5mm	Ant 2	DSI 7	132322	1745	18.33	19.20	1.222	-	-	-0.17	0.355	0.434
	LTE Band 66	20M	QPSK	1	0	-	Left Side	5mm	Ant 2	DSI 7	132322	1745	18.36	19.20	1.213	-	-	-0.05	1.030	1.250
	LTE Band 66	20M	QPSK	1	0	-	Left Side	5mm	Ant 2	DSI 7	132072	1720	18.25	19.20	1.245	-	-	0.18	0.942	1.172
	LTE Band 66	20M	QPSK	1	0	-	Left Side	5mm	Ant 2	DSI 7	132572	1770	18.32	19.20	1.225	-	-	-0.04	1.050	1.286
	LTE Band 66	20M	QPSK	50	0	-	Left Side	5mm	Ant 2	DSI 7	132322	1745	18.33	19.20	1.222	-	-	0.14	0.594	0.726
	LTE Band 66	20M	QPSK	100	0	-	Left Side	5mm	Ant 2	DSI 7	132322	1745	18.29	19.20	1.233	-	-	-0.05	0.556	0.686
	LTE Band 66	20M	QPSK	1	0	-	Right Side	5mm	Ant 2	DSI 7	132322	1745	18.36	19.20	1.213	-	-	0.01	0.044	0.053
	LTE Band 66	20M	QPSK	50	0	-	Right Side	5mm	Ant 2	DSI 7	132322	1745	18.33	19.20	1.222	-	-	0.1	0.020	0.024
	LTE Band 66	20M	QPSK	1	0	-	Top Side	5mm	Ant 2	DSI 7	132322	1745	18.36	19.20	1.213	-	-	-0.17	0.078	0.095
	LTE Band 66	20M	QPSK	50	0	-	Top Side	5mm	Ant 2	DSI 7	132322	1745	18.33	19.20	1.222	-	-	0.04	0.043	0.053
	LTE Band 66_Other Path	20M	QPSK	1	0	-	Left Side	5mm	Ant 2	DSI 7	132572	1770	18.32	19.20	1.225	-	-	0.06	0.985	1.206
	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 3	DSI 7	132322	1745	19.08	20.10	1.265	-	-	-0.15	0.649	0.821

	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 3	DSI 7	132072	1720	18.94	20.10	1.306	-	-	-0.15	0.622	0.812
	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 3	DSI 7	132572	1770	19.06	20.10	1.271	-	-	0.11	0.712	0.905
	LTE Band 66	20M	QPSK	50	0	-	Front	5mm	Ant 3	DSI 7	132322	1745	19.05	20.10	1.274	-	-	-0.08	0.379	0.483
	LTE Band 66	20M	QPSK	100	0	-	Front	5mm	Ant 3	DSI 7	132322	1745	19.02	20.10	1.282	-	-	-0.04	0.361	0.463
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 3	DSI 7	132322	1745	19.08	20.10	1.265	-	-	-0.08	0.751	0.950
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 3	DSI 7	132072	1720	18.94	20.10	1.306	-	-	0.17	0.712	0.930
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 3	DSI 7	132572	1770	19.06	20.10	1.271	-	-	0.18	0.737	0.936
	LTE Band 66	20M	QPSK	50	0	-	Back	5mm	Ant 3	DSI 7	132322	1745	19.05	20.10	1.274	-	-	-0.04	0.422	0.537
	LTE Band 66	20M	QPSK	100	0	-	Back	5mm	Ant 3	DSI 7	132322	1745	19.02	20.10	1.282	-	-	-0.13	0.447	0.573
	LTE Band 66	20M	QPSK	1	0	-	Left Side	5mm	Ant 3	DSI 7	132322	1745	19.08	20.10	1.265	-	-	0.06	0.342	0.433
	LTE Band 66	20M	QPSK	50	0	-	Left Side	5mm	Ant 3	DSI 7	132322	1745	19.05	20.10	1.274	-	-	0.08	0.176	0.224
	LTE Band 66	20M	QPSK	1	0	-	Right Side	5mm	Ant 3	DSI 7	132322	1745	19.08	20.10	1.265	-	-	0.05	0.118	0.149
	LTE Band 66	20M	QPSK	50	0	-	Right Side	5mm	Ant 3	DSI 7	132322	1745	19.05	20.10	1.274	-	-	-0.11	0.072	0.092
	LTE Band 66	20M	QPSK	1	0	-	Top Side	5mm	Ant 3	DSI 7	132322	1745	19.08	20.10	1.265	-	-	-0.12	0.882	1.115
	LTE Band 66	20M	QPSK	1	0	-	Top Side	5mm	Ant 3	DSI 7	132072	1720	18.94	20.10	1.306	-	-	0.03	0.960	1.254
	LTE Band 66	20M	QPSK	1	0	-	Top Side	5mm	Ant 3	DSI 7	132572	1770	19.06	20.10	1.271	-	-	-0.08	1.010	1.283
	LTE Band 66	20M	QPSK	50	0	-	Top Side	5mm	Ant 3	DSI 7	132322	1745	19.05	20.10	1.274	-	-	-0.16	0.471	0.600
	LTE Band 66	20M	QPSK	100	0	-	Top Side	5mm	Ant 3	DSI 7	132322	1745	19.02	20.10	1.282	-	-	-0.09	0.486	0.623
	LTE Band 66_Other Path	20M	QPSK	1	0	-	Top Side	5mm	Ant 3	DSI 7	132572	1770	19.06	20.10	1.271	-	-	-0.08	0.947	1.203
	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 0	DSI 7	132322	1745	21.21	22.40	1.315	-	-	-0.04	0.614	0.808
	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 0	DSI 7	132072	1720	21.14	22.40	1.337	-	-	-0.09	0.648	0.866
	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 0	DSI 7	132572	1770	21.19	22.40	1.321	-	-	-0.17	0.622	0.822
	LTE Band 66	20M	QPSK	50	0	-	Front	5mm	Ant 0	DSI 7	132322	1745	21.20	22.40	1.318	-	-	-0.1	0.318	0.419
	LTE Band 66	20M	QPSK	100	0	-	Front	5mm	Ant 0	DSI 7	132322	1745	21.19	22.40	1.321	-	-	-0.04	0.311	0.411
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 7	132322	1745	21.21	22.40	1.315	-	-	-0.05	0.709	0.932
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 7	132072	1720	21.14	22.40	1.337	-	-	0.16	0.737	0.985
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 7	132572	1770	21.19	22.40	1.321	-	-	-0.13	0.698	0.922
	LTE Band 66	20M	QPSK	50	0	-	Back	5mm	Ant 0	DSI 7	132322	1745	21.20	22.40	1.318	-	-	-0.01	0.369	0.486
	LTE Band 66	20M	QPSK	100	0	-	Back	5mm	Ant 0	DSI 7	132322	1745	21.19	22.40	1.321	-	-	0.02	0.397	0.525
	LTE Band 66	20M	QPSK	1	0	-	Left Side	5mm	Ant 0	DSI 7	132322	1745	21.21	22.40	1.315	-	-	-0.13	0.130	0.171
	LTE Band 66	20M	QPSK	50	0	-	Left Side	5mm	Ant 0	DSI 7	132322	1745	21.20	22.40	1.318	-	-	0.17	0.068	0.090
	LTE Band 66	20M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 7	132322	1745	21.21	22.40	1.315	-	-	0.06	0.831	1.093
	LTE Band 66	20M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 7	132072	1720	21.14	22.40	1.337	-	-	0.01	0.888	1.187
	LTE Band 66	20M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 7	132572	1770	21.19	22.40	1.321	-	-	-0.04	0.848	1.120
	LTE Band 66	20M	QPSK	50	0	-	Right Side	5mm	Ant 0	DSI 7	132322	1745	21.20	22.40	1.318	-	-	-0.15	0.395	0.521
	LTE Band 66	20M	QPSK	100	0	-	Right Side	5mm	Ant 0	DSI 7	132322	1745	21.19	22.40	1.321	-	-	0.1	0.415	0.548
	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 7	132322	1745	21.21	22.40	1.315	-	-	0.04	0.893	1.174
	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 7	132072	1720	21.14	22.40	1.337	-	-	0.13	0.843	1.127
	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 7	132572	1770	21.19	22.40	1.321	-	-	-0.04	0.966	1.276
	LTE Band 66	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 0	DSI 7	132322	1745	21.20	22.40	1.318	-	-	-0.18	0.493	0.650
	LTE Band 66	20M	QPSK	100	0	-	Bottom Side	5mm	Ant 0	DSI 7	132322	1745	21.19	22.40	1.321	-	-	-0.15	0.448	0.592
	LTE Band 66_Other Path	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 7	132572	1770	21.19	22.40	1.321	-	-	0.06	0.911	1.204
	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 1	DSI 7	132322	1745	19.61	20.30	1.172	-	-	-0.16	0.450	0.527
	LTE Band 66	20M	QPSK	50	0	-	Front	5mm	Ant 1	DSI 7	132322	1745	19.59	20.30	1.178	-	-	-0.01	0.254	0.299
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 1	DSI 7	132322	1745	19.61	20.30	1.172	-	-	-0.15	0.446	0.523
	LTE Band 66	20M	QPSK	50	0	-	Back	5mm	Ant 1	DSI 7	132322	1745	19.59	20.30	1.178	-	-	0.16	0.273	0.321
	LTE Band 66	20M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 7	132322	1745	19.61	20.30	1.172	-	-	0.14	1.000	1.172
	LTE Band 66	20M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 7	132072	1720	19.54	20.30	1.191	-	-	0.1	1.050	1.251
	LTE Band 66	20M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 7	132572	1770	19.56	20.30	1.186	-	-	0.08	1.070	1.269
	LTE Band 66	20M	QPSK	50	0	-	Left Side	5mm	Ant 1	DSI 7	132322	1745	19.59	20.30	1.178	-	-	-0.09	0.574	0.676
	LTE Band 66	20M	QPSK	100	0	-	Left Side	5mm	Ant 1	DSI 7	132322	1745	19.56	20.30	1.186	-	-	-0.16	0.591	0.701
	LTE Band 66	20M	QPSK	1	0	-	Right Side	5mm	Ant 1	DSI 7	132322	1745	19.61	20.30	1.172	-	-	-0.18	0.018	0.021
	LTE Band 66	20M	QPSK	50	0	-	Right Side	5mm	Ant 1	DSI 7	132322	1745	19.59	20.30	1.178	-	-	-0.07	0.015	0.018
	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 1	DSI 7	132322	1745	19.61	20.30	1.172	-	-	0.11	0.359	0.421
	LTE Band 66	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 1	DSI 7	132322	1745	19.59	20.30	1.178	-	-	-0.01	0.163	0.192
	LTE Band 66_Other Path	20M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 7	132572	1770	19.56	20.30	1.186	-	-	0.03	1.010	1.198

	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 2	DSI 7	349000	1745	17.46	18.70	1.330	-	-	-0.13	0.615	0.818
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Front	5mm	Ant 2	DSI 7	349000	1745	17.45	18.70	1.334	-	-	-0.08	0.608	0.811
	FR1 n66	45M	QPSK	240	0	DFT-SCS-15KHz	Front	5mm	Ant 2	DSI 7	349000	1745	17.39	18.70	1.352	-	-	0.09	0.541	0.731
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 2	DSI 7	349000	1745	17.46	18.70	1.330	-	-	-0.09	0.559	0.744
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Back	5mm	Ant 2	DSI 7	349000	1745	17.45	18.70	1.334	-	-	0.17	0.574	0.765
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 2	DSI 7	349000	1745	17.46	18.70	1.330	-	-	0.13	0.928	1.235
45	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Left Side	5mm	Ant 2	DSI 7	349000	1745	17.45	18.70	1.334	-	-	-0.12	0.971	**1.295**
	FR1 n66	45M	QPSK	240	0	DFT-SCS-15KHz	Left Side	5mm	Ant 2	DSI 7	349000	1745	17.39	18.70	1.352	-	-	0.15	0.832	1.125
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 2	DSI 7	349000	1745	17.46	18.70	1.330	-	-	-0.12	0.030	0.040
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Right Side	5mm	Ant 2	DSI 7	349000	1745	17.45	18.70	1.334	-	-	0.16	0.019	0.025
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Top Side	5mm	Ant 2	DSI 7	349000	1745	17.46	18.70	1.330	-	-	-0.15	0.073	0.097
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Top Side	5mm	Ant 2	DSI 7	349000	1745	17.45	18.70	1.334	-	-	0.11	0.016	0.021
	FR1 n66_Main PA	45M	QPSK	120	60	DFT-SCS-15KHz	Left Side	5mm	Ant 2	DSI 7	349000	1745	17.21	18.70	1.409	-	-	0.02	0.899	1.267
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 3	DSI 7	349000	1745	18.85	20.10	1.334	-	-	0.09	0.624	0.832
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Front	5mm	Ant 3	DSI 7	349000	1745	18.83	20.10	1.340	-	-	-0.16	0.644	0.863
	FR1 n66	45M	QPSK	240	0	DFT-SCS-15KHz	Front	5mm	Ant 3	DSI 7	349000	1745	18.78	20.10	1.355	-	-	-0.1	0.584	0.791
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 3	DSI 7	349000	1745	18.85	20.10	1.334	-	-	-0.16	0.639	0.852
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Back	5mm	Ant 3	DSI 7	349000	1745	18.83	20.10	1.340	-	-	0.13	0.634	0.849
	FR1 n66	45M	QPSK	240	0	DFT-SCS-15KHz	Back	5mm	Ant 3	DSI 7	349000	1745	18.78	20.10	1.355	-	-	-0.11	0.526	0.713
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 3	DSI 7	349000	1745	18.85	20.10	1.334	-	-	0.1	0.319	0.425
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Left Side	5mm	Ant 3	DSI 7	349000	1745	18.83	20.10	1.340	-	-	0.18	0.334	0.447
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 3	DSI 7	349000	1745	18.85	20.10	1.334	-	-	-0.01	0.093	0.124
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Right Side	5mm	Ant 3	DSI 7	349000	1745	18.83	20.10	1.340	-	-	0.07	0.118	0.158
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Top Side	5mm	Ant 3	DSI 7	349000	1745	18.85	20.10	1.334	-	-	-0.08	0.958	1.278
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Top Side	5mm	Ant 3	DSI 7	349000	1745	18.83	20.10	1.340	-	-	-0.04	0.963	1.290
	FR1 n66	45M	QPSK	240	0	DFT-SCS-15KHz	Top Side	5mm	Ant 3	DSI 7	349000	1745	18.78	20.10	1.355	-	-	-0.16	0.875	1.186
	FR1 n66_Main PA	45M	QPSK	120	60	DFT-SCS-15KHz	Top Side	5mm	Ant 3	DSI 7	349000	1745	18.71	20.10	1.377	-	-	0.07	0.896	1.234
	FR1 n66_Code 2	45M	QPSK	120	60	DFT-SCS-15KHz	Top Side	5mm	Ant 3	DSI 7	349000	1745	18.83	20.10	1.340	-	-	-0.04	0.729	0.977
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0	DSI 7	349000	1745	22.07	23.00	1.239	-	-	0.19	0.648	0.803
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Front	5mm	Ant 0	DSI 7	349000	1745	22.05	23.00	1.245	-	-	-0.18	0.638	0.794
	FR1 n66	45M	QPSK	240	0	DFT-SCS-15KHz	Front	5mm	Ant 0	DSI 7	349000	1745	22.03	23.00	1.250	-	-	0.02	0.502	0.628
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 7	349000	1745	22.07	23.00	1.239	-	-	-0.17	0.758	0.939
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 7	349000	1745	22.05	23.00	1.245	-	-	0.04	0.730	0.908
	FR1 n66	45M	QPSK	240	0	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 7	349000	1745	22.03	23.00	1.250	-	-	-0.13	0.577	0.721
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 0	DSI 7	349000	1745	22.07	23.00	1.239	-	-	0.13	0.132	0.164
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Left Side	5mm	Ant 0	DSI 7	349000	1745	22.05	23.00	1.245	-	-	-0.02	0.120	0.149
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 0	DSI 7	349000	1745	22.07	23.00	1.239	-	-	0.19	0.871	1.079
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Right Side	5mm	Ant 0	DSI 7	349000	1745	22.05	23.00	1.245	-	-	0.04	0.718	0.894
	FR1 n66	45M	QPSK	240	0	DFT-SCS-15KHz	Right Side	5mm	Ant 0	DSI 7	349000	1745	22.03	23.00	1.250	-	-	0.1	0.562	0.703
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0	DSI 7	349000	1745	22.07	23.00	1.239	-	-	-0.08	1.020	1.264
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0	DSI 7	349000	1745	22.05	23.00	1.245	-	-	-0.12	1.040	1.294
	FR1 n66	45M	QPSK	240	0	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0	DSI 7	349000	1745	22.03	23.00	1.250	-	-	0.15	0.722	0.903
	FR1 n66_Other Path	45M	QPSK	120	60	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0	DSI 7	349000	1745	22.11	23.00	1.227	-	-	0.08	1.020	1.252
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 1	DSI 7	349000	1745	18.23	19.80	1.435	-	-	0.13	0.389	0.558
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Front	5mm	Ant 1	DSI 7	349000	1745	18.21	19.80	1.442	-	-	-0.08	0.351	0.506
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI 7	349000	1745	18.23	19.80	1.435	-	-	-0.02	0.418	0.600
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI 7	349000	1745	18.21	19.80	1.442	-	-	0.07	0.376	0.542
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 1	DSI 7	349000	1745	18.23	19.80	1.435	-	-	0.11	0.895	1.285
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Left Side	5mm	Ant 1	DSI 7	349000	1745	18.21	19.80	1.442	-	-	0.18	0.789	1.138
	FR1 n66	45M	QPSK	240	0	DFT-SCS-15KHz	Left Side	5mm	Ant 1	DSI 7	349000	1745	18.19	19.80	1.449	-	-	-0.12	0.688	0.997
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 1	DSI 7	349000	1745	18.23	19.80	1.435	-	-	0.06	0.022	0.032
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Right Side	5mm	Ant 1	DSI 7	349000	1745	18.21	19.80	1.442	-	-	-0.17	0.020	0.029
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 1	DSI 7	349000	1745	18.23	19.80	1.435	-	-	0.14	0.125	0.179
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Bottom Side	5mm	Ant 1	DSI 7	349000	1745	18.21	19.80	1.442	-	-	-0.17	0.154	0.222
	FR1 n66_Other Path	45M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 1	DSI 7	349000	1745	18.76	19.80	1.271	-	-	-0.07	1.010	1.283
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 2	DSI 7	340500	1702.5	19.05	19.90	1.216	-	-	0.19	0.692	0.842

	FR1 n70	15M	QPSK	75	0	DFT-SCS-15KHz	Front	5mm	Ant 2	DSI 7	340500	1702.5	19.03	19.90	1.222	-	-	0.03	0.628	0.767
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Front	5mm	Ant 2	DSI 7	340500	1702.5	18.99	19.90	1.233	-	-	-0.19	0.500	0.617
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 2	DSI 7	340500	1702.5	19.05	19.90	1.216	-	-	0.05	0.743	0.904
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Back	5mm	Ant 2	DSI 7	340500	1702.5	19.03	19.90	1.222	-	-	0.09	0.569	0.695
	FR1 n70	15M	QPSK	75	0	DFT-SCS-15KHz	Back	5mm	Ant 2	DSI 7	340500	1702.5	18.99	19.90	1.233	-	-	-0.04	0.504	0.621
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 2	DSI 7	340500	1702.5	19.05	19.90	1.216	-	-	-0.13	1.050	1.277
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Left Side	5mm	Ant 2	DSI 7	340500	1702.5	19.03	19.90	1.222	-	-	0.03	1.000	1.222
	FR1 n70	15M	QPSK	75	0	DFT-SCS-15KHz	Left Side	5mm	Ant 2	DSI 7	340500	1702.5	18.99	19.90	1.233	-	-	-0.13	0.802	0.989
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 2	DSI 7	340500	1702.5	19.05	19.90	1.216	-	-	0.06	0.038	0.046
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Right Side	5mm	Ant 2	DSI 7	340500	1702.5	19.03	19.90	1.222	-	-	-0.11	0.037	0.045
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Top Side	5mm	Ant 2	DSI 7	340500	1702.5	19.05	19.90	1.216	-	-	0.04	0.119	0.145
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Top Side	5mm	Ant 2	DSI 7	340500	1702.5	19.03	19.90	1.222	-	-	0.13	0.117	0.143
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 3	DSI 7	340500	1702.5	21.03	21.80	1.194	-	-	0.08	0.553	0.660
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Front	5mm	Ant 3	DSI 7	340500	1702.5	21.02	21.80	1.197	-	-	0.01	0.550	0.658
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 3	DSI 7	340500	1702.5	21.03	21.80	1.194	-	-	-0.08	0.573	0.684
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Back	5mm	Ant 3	DSI 7	340500	1702.5	21.02	21.80	1.197	-	-	-0.08	0.548	0.656
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 3	DSI 7	340500	1702.5	21.03	21.80	1.194	-	-	-0.18	0.331	0.395
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Left Side	5mm	Ant 3	DSI 7	340500	1702.5	21.02	21.80	1.197	-	-	0.1	0.312	0.373
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 3	DSI 7	340500	1702.5	21.03	21.80	1.194	-	-	0.12	0.128	0.153
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Right Side	5mm	Ant 3	DSI 7	340500	1702.5	21.02	21.80	1.197	-	-	0.08	0.109	0.130
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Top Side	5mm	Ant 3	DSI 7	340500	1702.5	21.03	21.80	1.194	-	-	-0.13	1.070	1.278
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Top Side	5mm	Ant 3	DSI 7	340500	1702.5	21.02	21.80	1.197	-	-	-0.17	0.982	1.175
	FR1 n70	15M	QPSK	75	0	DFT-SCS-15KHz	Top Side	5mm	Ant 3	DSI 7	340500	1702.5	20.97	21.80	1.211	-	-	-0.03	0.817	0.989
	FR1 n70_Code 2	15M	QPSK	1	1	DFT-SCS-15KHz	Top Side	5mm	Ant 3	DSI 7	340500	1702.5	21.03	21.80	1.194	-	-	0.14	0.723	0.863
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0	DSI 7	340500	1702.5	21.64	23.00	1.368	-	-	0.01	0.617	0.844
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Front	5mm	Ant 0	DSI 7	340500	1702.5	21.63	23.00	1.371	-	-	0.1	0.600	0.823
	FR1 n70	15M	QPSK	75	0	DFT-SCS-15KHz	Front	5mm	Ant 0	DSI 7	340500	1702.5	21.58	23.00	1.387	-	-	-0.17	0.474	0.657
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 7	340500	1702.5	21.64	23.00	1.368	-	-	0.04	0.715	0.978
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 7	340500	1702.5	21.63	23.00	1.371	-	-	-0.01	0.669	0.917
	FR1 n70	15M	QPSK	75	0	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 7	340500	1702.5	21.58	23.00	1.387	-	-	-0.08	0.547	0.759
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 0	DSI 7	340500	1702.5	21.64	23.00	1.368	-	-	0.05	0.115	0.157
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Left Side	5mm	Ant 0	DSI 7	340500	1702.5	21.63	23.00	1.371	-	-	0.06	0.116	0.159
46	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 0	DSI 7	340500	1702.5	21.64	23.00	1.368	-	-	-0.06	0.945	**1.293**
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Right Side	5mm	Ant 0	DSI 7	340500	1702.5	21.63	23.00	1.371	-	-	-0.09	0.783	1.073
	FR1 n70	15M	QPSK	75	0	DFT-SCS-15KHz	Right Side	5mm	Ant 0	DSI 7	340500	1702.5	21.58	23.00	1.387	-	-	-0.08	0.673	0.933
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0	DSI 7	340500	1702.5	21.64	23.00	1.368	-	-	0.13	0.688	0.941
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0	DSI 7	340500	1702.5	21.63	23.00	1.371	-	-	0.12	0.614	0.842
	FR1 n70	15M	QPSK	75	0	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0	DSI 7	340500	1702.5	21.58	23.00	1.387	-	-	0.03	0.504	0.699
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 1	DSI 7	340500	1702.5	19.06	20.20	1.300	-	-	-0.1	0.441	0.573
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Front	5mm	Ant 1	DSI 7	340500	1702.5	19.03	20.20	1.309	-	-	0.01	0.379	0.496
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI 7	340500	1702.5	19.06	20.20	1.300	-	-	0.19	0.442	0.575
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI 7	340500	1702.5	19.03	20.20	1.309	-	-	0.07	0.387	0.507
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 1	DSI 7	340500	1702.5	19.06	20.20	1.300	-	-	0.13	0.989	1.286
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Left Side	5mm	Ant 1	DSI 7	340500	1702.5	19.03	20.20	1.309	-	-	0.03	0.867	1.135
	FR1 n70	15M	QPSK	75	0	DFT-SCS-15KHz	Left Side	5mm	Ant 1	DSI 7	340500	1702.5	19.01	20.20	1.315	-	-	-0.15	0.741	0.975
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 1	DSI 7	340500	1702.5	19.06	20.20	1.300	-	-	-0.15	0.020	0.026
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Right Side	5mm	Ant 1	DSI 7	340500	1702.5	19.03	20.20	1.309	-	-	0.11	0.018	0.024
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 1	DSI 7	340500	1702.5	19.06	20.20	1.300	-	-	-0.08	0.127	0.165
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Bottom Side	5mm	Ant 1	DSI 7	340500	1702.5	19.03	20.20	1.309	-	-	-0.17	0.117	0.153
1900MHz																				
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Front	5mm	Ant 2	DSI 7	661	1880	20.70	21.90	1.318	-	-	-0.06	0.437	0.576
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	5mm	Ant 2	DSI 7	661	1880	20.70	21.90	1.318	-	-	-0.11	0.413	0.544
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Left Side	5mm	Ant 2	DSI 7	661	1880	20.70	21.90	1.318	-	-	-0.18	0.807	1.064
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Left Side	5mm	Ant 2	DSI 7	512	1850.2	20.61	21.90	1.346	-	-	-0.06	0.891	1.199
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Left Side	5mm	Ant 2	DSI 7	810	1909.8	20.66	21.90	1.330	-	-	0.06	0.951	1.265

	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Right Side	5mm	Ant 2	DSI 7	661	1880	20.70	21.90	1.318	-	-	0.02	0.024	0.032
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Top Side	5mm	Ant 2	DSI 7	661	1880	20.70	21.90	1.318	-	-	0.16	0.073	0.096
	GSM1900	-	-	-	-	GPRS (3 Tx slots)	Front	5mm	Ant 0	DSI 7	661	1880	25.33	26.50	1.309	-	-	0.08	0.333	0.436
	GSM1900	-	-	-	-	GPRS (3 Tx slots)	Back	5mm	Ant 0	DSI 7	661	1880	25.33	26.50	1.309	-	-	0.19	0.370	0.484
	GSM1900	-	-	-	-	GPRS (3 Tx slots)	Left Side	5mm	Ant 0	DSI 7	661	1880	25.33	26.50	1.309	-	-	-0.06	0.060	0.079
	GSM1900	-	-	-	-	GPRS (3 Tx slots)	Right Side	5mm	Ant 0	DSI 7	661	1880	25.33	26.50	1.309	-	-	-0.12	0.221	0.289
	GSM1900	-	-	-	-	GPRS (3 Tx slots)	Bottom Side	5mm	Ant 0	DSI 7	661	1880	25.33	26.50	1.309	-	-	0.07	0.740	0.969
	GSM1900	-	-	-	-	GPRS (3 Tx slots)	Bottom Side	5mm	Ant 0	DSI 7	512	1850.2	25.29	26.50	1.321	-	-	-0.03	0.697	0.921
	GSM1900	-	-	-	-	GPRS (3 Tx slots)	Bottom Side	5mm	Ant 0	DSI 7	810	1909.8	25.22	26.50	1.343	-	-	0.07	0.708	0.951
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 2	DSI 7	9400	1880	17.61	18.40	1.199	-	-	-0.03	0.656	0.787
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 2	DSI 7	9400	1880	17.61	18.40	1.199	-	-	0.02	0.660	0.792
47	WCDMA II	-	-	-	-	RMC 12.2Kbps	Left Side	5mm	Ant 2	DSI 7	9400	1880	17.61	18.40	1.199	-	-	-0.07	1.070	**1.283**
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Left Side	5mm	Ant 2	DSI 7	9262	1852.4	17.54	18.40	1.219	-	-	-0.1	1.030	1.256
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Left Side	5mm	Ant 2	DSI 7	9538	1907.6	17.52	18.40	1.225	-	-	0.05	0.937	1.147
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Right Side	5mm	Ant 2	DSI 7	9400	1880	17.61	18.40	1.199	-	-	-0.01	0.035	0.042
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Top Side	5mm	Ant 2	DSI 7	9400	1880	17.61	18.40	1.199	-	-	0.07	0.097	0.116
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 0	DSI 7	9400	1880	21.61	22.90	1.346	-	-	-0.12	0.430	0.579
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	DSI 7	9400	1880	21.61	22.90	1.346	-	-	0.04	0.542	0.729
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Left Side	5mm	Ant 0	DSI 7	9400	1880	21.61	22.90	1.346	-	-	0.12	0.083	0.112
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Right Side	5mm	Ant 0	DSI 7	9400	1880	21.61	22.90	1.346	-	-	-0.11	0.275	0.370
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Bottom Side	5mm	Ant 0	DSI 7	9400	1880	21.61	22.90	1.346	-	-	0.17	0.935	1.258
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Bottom Side	5mm	Ant 0	DSI 7	9262	1852.4	21.57	22.90	1.358	-	-	-0.11	0.940	1.277
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Bottom Side	5mm	Ant 0	DSI 7	9538	1907.6	21.45	22.90	1.396	-	-	-0.16	0.887	1.239
	LTE Band 25	20M	QPSK	1	0	-	Front	5mm	Ant 2	DSI 7	26340	1880	18.78	19.50	1.180	-	-	-0.12	0.728	0.859
	LTE Band 25	20M	QPSK	1	0	-	Front	5mm	Ant 2	DSI 7	26140	1860	18.70	19.50	1.202	-	-	-0.17	0.673	0.809
	LTE Band 25	20M	QPSK	1	0	-	Front	5mm	Ant 2	DSI 7	26590	1905	18.75	19.50	1.189	-	-	0.08	0.736	0.875
	LTE Band 25	20M	QPSK	50	0	-	Front	5mm	Ant 2	DSI 7	26340	1880	18.75	19.50	1.189	-	-	0.01	0.361	0.429
	LTE Band 25	20M	QPSK	100	0	-	Front	5mm	Ant 2	DSI 7	26340	1880	18.73	19.50	1.194	-	-	-0.01	0.393	0.469
	LTE Band 25	20M	QPSK	1	0	-	Back	5mm	Ant 2	DSI 7	26340	1880	18.78	19.50	1.180	-	-	0.09	0.789	0.931
	LTE Band 25	20M	QPSK	1	0	-	Back	5mm	Ant 2	DSI 7	26140	1860	18.70	19.50	1.202	-	-	0.1	0.735	0.884
	LTE Band 25	20M	QPSK	1	0	-	Back	5mm	Ant 2	DSI 7	26590	1905	18.75	19.50	1.189	-	-	-0.04	0.809	0.961
	LTE Band 25	20M	QPSK	50	0	-	Back	5mm	Ant 2	DSI 7	26340	1880	18.75	19.50	1.189	-	-	0.15	0.387	0.460
	LTE Band 25	20M	QPSK	100	0	-	Back	5mm	Ant 2	DSI 7	26340	1880	18.73	19.50	1.194	-	-	0.05	0.381	0.455
	LTE Band 25	20M	QPSK	1	0	-	Left Side	5mm	Ant 2	DSI 7	26340	1880	18.78	19.50	1.180	-	-	0.08	1.040	1.228
	LTE Band 25	20M	QPSK	1	0	-	Left Side	5mm	Ant 2	DSI 7	26140	1860	18.70	19.50	1.202	-	-	-0.18	0.989	1.189
48	LTE Band 25	20M	QPSK	1	0	-	Left Side	5mm	Ant 2	DSI 7	26590	1905	18.75	19.50	1.189	-	-	0.04	1.080	**1.284**
	LTE Band 25	20M	QPSK	50	0	-	Left Side	5mm	Ant 2	DSI 7	26340	1880	18.75	19.50	1.189	-	-	-0.03	0.568	0.675
	LTE Band 25	20M	QPSK	100	0	-	Left Side	5mm	Ant 2	DSI 7	26340	1880	18.73	19.50	1.194	-	-	0.18	0.477	0.570
	LTE Band 25	20M	QPSK	1	0	-	Right Side	5mm	Ant 2	DSI 7	26340	1880	18.78	19.50	1.180	-	-	0.11	0.027	0.032
	LTE Band 25	20M	QPSK	50	0	-	Right Side	5mm	Ant 2	DSI 7	26340	1880	18.75	19.50	1.189	-	-	0.07	0.013	0.015
	LTE Band 25	20M	QPSK	1	0	-	Top Side	5mm	Ant 2	DSI 7	26340	1880	18.78	19.50	1.180	-	-	-0.03	0.078	0.092
	LTE Band 25	20M	QPSK	50	0	-	Top Side	5mm	Ant 2	DSI 7	26340	1880	18.75	19.50	1.189	-	-	0.09	0.048	0.057
	LTE Band 2_Other Path	20M	QPSK	1	0	-	Left Side	5mm	Ant 2	DSI 7	19100	1900	18.58	19.50	1.236	-	-	0.04	0.987	1.220
	LTE Band 25	20M	QPSK	1	0	-	Front	5mm	Ant 3	DSI 7	26340	1880	18.61	19.60	1.256	-	-	0.02	0.443	0.556
	LTE Band 25	20M	QPSK	50	0	-	Front	5mm	Ant 3	DSI 7	26340	1880	18.60	19.60	1.259	-	-	-0.02	0.331	0.417
	LTE Band 25	20M	QPSK	1	0	-	Back	5mm	Ant 3	DSI 7	26340	1880	18.61	19.60	1.256	-	-	0.08	0.558	0.701
	LTE Band 25	20M	QPSK	50	0	-	Back	5mm	Ant 3	DSI 7	26340	1880	18.60	19.60	1.259	-	-	-0.1	0.364	0.458
	LTE Band 25	20M	QPSK	1	0	-	Left Side	5mm	Ant 3	DSI 7	26340	1880	18.61	19.60	1.256	-	-	0.01	0.224	0.281
	LTE Band 25	20M	QPSK	50	0	-	Left Side	5mm	Ant 3	DSI 7	26340	1880	18.60	19.60	1.259	-	-	-0.07	0.193	0.243
	LTE Band 25	20M	QPSK	1	0	-	Right Side	5mm	Ant 3	DSI 7	26340	1880	18.61	19.60	1.256	-	-	0.15	0.066	0.083
	LTE Band 25	20M	QPSK	50	0	-	Right Side	5mm	Ant 3	DSI 7	26340	1880	18.60	19.60	1.259	-	-	0.14	0.043	0.054
	LTE Band 25	20M	QPSK	1	0	-	Top Side	5mm	Ant 3	DSI 7	26340	1880	18.61	19.60	1.256	-	-	-0.06	1.020	1.281
	LTE Band 25	20M	QPSK	1	0	-	Top Side	5mm	Ant 3	DSI 7	26140	1860	18.57	19.60	1.268	-	-	-0.03	0.919	1.165
	LTE Band 25	20M	QPSK	1	0	-	Top Side	5mm	Ant 3	DSI 7	26590	1905	18.56	19.60	1.271	-	-	-0.14	0.913	1.160

	LTE Band 25	20M	QPSK	50	0	-	Top Side	5mm	Ant 3	DSI 7	26340	1880	18.60	19.60	1.259	-	-	0.17	0.539	0.679
	LTE Band 25	20M	QPSK	100	0	-	Top Side	5mm	Ant 3	DSI 7	26340	1880	18.53	19.60	1.279	-	-	-0.04	0.539	0.690
	LTE Band 2_Other Path	20M	QPSK	1	0	-	Top Side	5mm	Ant 3	DSI 7	18900	1880	18.57	19.60	1.268	-	-	-0.06	0.978	1.240
	LTE Band 25	20M	QPSK	1	0	-	Front	5mm	Ant 0	DSI 7	26340	1880	22.15	23.00	1.216	-	-	0.14	0.607	0.738
	LTE Band 25	20M	QPSK	50	0	-	Front	5mm	Ant 0	DSI 7	26340	1880	21.23	22.00	1.194	-	-	-0.12	0.316	0.377
	LTE Band 25	20M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 7	26340	1880	22.15	23.00	1.216	-	-	-0.19	0.639	0.777
	LTE Band 25	20M	QPSK	50	0	-	Back	5mm	Ant 0	DSI 7	26340	1880	21.23	22.00	1.194	-	-	-0.08	0.342	0.408
	LTE Band 25	20M	QPSK	1	0	-	Left Side	5mm	Ant 0	DSI 7	26340	1880	22.15	23.00	1.216	-	-	-0.04	0.102	0.124
	LTE Band 25	20M	QPSK	50	0	-	Left Side	5mm	Ant 0	DSI 7	26340	1880	21.23	22.00	1.194	-	-	0.12	0.055	0.066
	LTE Band 25	20M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 7	26340	1880	22.15	23.00	1.216	-	-	0.09	0.350	0.426
	LTE Band 25	20M	QPSK	50	0	-	Right Side	5mm	Ant 0	DSI 7	26340	1880	21.23	22.00	1.194	-	-	-0.02	0.186	0.222
	LTE Band 25	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 7	26340	1880	22.15	23.00	1.216	-	-	0.05	1.010	1.228
	LTE Band 25	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 7	26140	1860	22.11	23.00	1.227	-	-	-0.16	0.858	1.053
	LTE Band 25	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 7	26590	1905	22.08	23.00	1.236	-	-	-0.03	0.882	1.090
	LTE Band 25	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 0	DSI 7	26340	1880	21.23	22.00	1.194	-	-	-0.06	0.522	0.623
	LTE Band 25	20M	QPSK	100	0	-	Bottom Side	5mm	Ant 0	DSI 7	26340	1880	21.20	22.00	1.202	-	-	0.11	0.522	0.628
	LTE Band 2_Other Path	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 7	18900	1880	22.10	23.00	1.230	-	-	0.05	0.975	1.200
	LTE Band 25	20M	QPSK	1	0	-	Front	5mm	Ant 1	DSI 7	26340	1880	20.88	22.20	1.355	-	-	0.14	0.589	0.798
	LTE Band 25	20M	QPSK	50	0	-	Front	5mm	Ant 1	DSI 7	26340	1880	20.86	22.00	1.300	-	-	0.1	0.314	0.408
	LTE Band 25	20M	QPSK	1	0	-	Back	5mm	Ant 1	DSI 7	26340	1880	20.88	22.20	1.355	-	-	0.01	0.569	0.771
	LTE Band 25	20M	QPSK	50	0	-	Back	5mm	Ant 1	DSI 7	26340	1880	20.86	22.00	1.300	-	-	-0.11	0.310	0.403
	LTE Band 25	20M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 7	26340	1880	20.88	22.20	1.355	-	-	0.03	0.947	1.283
	LTE Band 25	20M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 7	26140	1860	20.80	22.20	1.380	-	-	0.06	0.888	1.226
	LTE Band 25	20M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 7	26590	1905	20.79	22.20	1.384	-	-	0.15	0.846	1.170
	LTE Band 25	20M	QPSK	50	0	-	Left Side	5mm	Ant 1	DSI 7	26340	1880	20.86	22.00	1.300	-	-	-0.1	0.490	0.637
	LTE Band 25	20M	QPSK	100	0	-	Left Side	5mm	Ant 1	DSI 7	26340	1880	20.85	22.00	1.303	-	-	-0.02	0.477	0.622
	LTE Band 25	20M	QPSK	1	0	-	Right Side	5mm	Ant 1	DSI 7	26340	1880	20.88	22.20	1.355	-	-	-0.19	0.032	0.043
	LTE Band 25	20M	QPSK	50	0	-	Right Side	5mm	Ant 1	DSI 7	26340	1880	20.86	22.00	1.300	-	-	0.1	0.020	0.026
	LTE Band 25	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 1	DSI 7	26340	1880	20.88	22.20	1.355	-	-	0.13	0.423	0.573
	LTE Band 25	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 1	DSI 7	26340	1880	20.86	22.00	1.300	-	-	-0.07	0.232	0.302
	LTE Band 2_Other Path	20M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 7	18900	1880	20.85	22.20	1.365	-	-	0.03	0.911	1.243
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 2	DSI 7	376500	1882.5	17.88	18.90	1.265	-	-	-0.08	0.600	0.759
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Front	5mm	Ant 2	DSI 7	376500	1882.5	17.85	18.90	1.274	-	-	-0.13	0.541	0.689
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 2	DSI 7	376500	1882.5	17.88	18.90	1.265	-	-	0.06	0.563	0.712
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Back	5mm	Ant 2	DSI 7	376500	1882.5	17.85	18.90	1.274	-	-	-0.03	0.521	0.663
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 2	DSI 7	376500	1882.5	17.88	18.90	1.265	-	-	-0.12	1.010	1.277
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Left Side	5mm	Ant 2	DSI 7	376500	1882.5	17.85	18.90	1.274	-	-	0.08	0.804	1.024
	FR1 n25	45M	QPSK	240	0	DFT-SCS-15KHz	Left Side	5mm	Ant 2	DSI 7	376500	1882.5	17.81	18.90	1.285	-	-	-0.07	0.735	0.945
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 2	DSI 7	376500	1882.5	17.88	18.90	1.265	-	-	0.05	0.029	0.037
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Right Side	5mm	Ant 2	DSI 7	376500	1882.5	17.85	18.90	1.274	-	-	-0.11	0.020	0.025
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Top Side	5mm	Ant 2	DSI 7	376500	1882.5	17.88	18.90	1.265	-	-	-0.12	0.075	0.095
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Top Side	5mm	Ant 2	DSI 7	376500	1882.5	17.85	18.90	1.274	-	-	0.03	0.094	0.120
	FR1 n2_Other Path	40M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 2	DSI 7	376000	1880	18.04	18.90	1.219	-	-	0.07	0.983	1.198
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 3	DSI 7	376500	1882.5	18.45	19.60	1.303	-	-	0.05	0.596	0.777
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Front	5mm	Ant 3	DSI 7	376500	1882.5	18.43	19.60	1.309	-	-	0.05	0.529	0.693
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 3	DSI 7	376500	1882.5	18.45	19.60	1.303	-	-	-0.15	0.665	0.867
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Back	5mm	Ant 3	DSI 7	376500	1882.5	18.43	19.60	1.309	-	-	0.02	0.662	0.867
	FR1 n25	45M	QPSK	240	0	DFT-SCS-15KHz	Back	5mm	Ant 3	DSI 7	376500	1882.5	18.41	19.60	1.315	-	-	0.07	0.580	0.763
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 3	DSI 7	376500	1882.5	18.45	19.60	1.303	-	-	0.16	0.347	0.452
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Left Side	5mm	Ant 3	DSI 7	376500	1882.5	18.43	19.60	1.309	-	-	0.13	0.325	0.425
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 3	DSI 7	376500	1882.5	18.45	19.60	1.303	-	-	0.02	0.113	0.147
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Right Side	5mm	Ant 3	DSI 7	376500	1882.5	18.43	19.60	1.309	-	-	0.16	0.095	0.124
49	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Top Side	5mm	Ant 3	DSI 7	376500	1882.5	18.45	19.60	1.303	-	-	-0.06	0.990	**1.290**
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Top Side	5mm	Ant 3	DSI 7	376500	1882.5	18.43	19.60	1.309	-	-	-0.03	0.949	1.242
	FR1 n25	45M	QPSK	240	0	DFT-SCS-15KHz	Top Side	5mm	Ant 3	DSI 7	376500	1882.5	18.41	19.60	1.315	-	-	0.07	0.831	1.093
	FR1 n25_Code 2	45M	QPSK	1	1	DFT-SCS-15KHz	Top Side	5mm	Ant 3	DSI 7	376500	1882.5	18.45	19.60	1.303	-	-	0.01	0.821	1.070

	FR1 n2_Other Path	40M	QPSK	1	1	DFT-SCS-15KHz	Top Side	5mm	Ant 3	DSI 7	376000	1880	18.39	19.60	1.321	-	-	0.1	0.973	1.286
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0	DSI 7	376500	1882.5	20.78	22.10	1.355	-	-	-0.01	0.453	0.614
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Front	5mm	Ant 0	DSI 7	376500	1882.5	20.75	22.10	1.365	-	-	-0.09	0.441	0.602
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 7	376500	1882.5	20.78	22.10	1.355	-	-	0.02	0.500	0.678
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 7	376500	1882.5	20.75	22.10	1.365	-	-	-0.13	0.492	0.671
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 0	DSI 7	376500	1882.5	20.78	22.10	1.355	-	-	0.06	0.068	0.092
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Left Side	5mm	Ant 0	DSI 7	376500	1882.5	20.75	22.10	1.365	-	-	-0.14	0.072	0.098
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 0	DSI 7	376500	1882.5	20.78	22.10	1.355	-	-	-0.04	0.279	0.378
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Right Side	5mm	Ant 0	DSI 7	376500	1882.5	20.75	22.10	1.365	-	-	-0.15	0.260	0.355
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0	DSI 7	376500	1882.5	20.78	22.10	1.355	-	-	0.01	0.952	1.290
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0	DSI 7	376500	1882.5	20.75	22.10	1.365	-	-	0.11	0.884	1.206
	FR1 n25	45M	QPSK	240	0	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0	DSI 7	376500	1882.5	20.72	22.10	1.374	-	-	-0.02	0.789	1.084
	FR1 n2_Other Path	40M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0	DSI 7	376000	1880	21.26	22.10	1.213	-	-	-0.08	0.938	1.138
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 1	DSI 7	376500	1882.5	20.86	22.10	1.330	-	-	-0.19	0.551	0.733
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Front	5mm	Ant 1	DSI 7	376500	1882.5	20.84	22.10	1.337	-	-	0.01	0.526	0.703
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI 7	376500	1882.5	20.86	22.10	1.330	-	-	0.02	0.546	0.726
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI 7	376500	1882.5	20.84	22.10	1.337	-	-	0.12	0.531	0.710
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 1	DSI 7	376500	1882.5	20.86	22.10	1.330	-	-	0.17	0.968	1.288
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Left Side	5mm	Ant 1	DSI 7	376500	1882.5	20.84	22.10	1.337	-	-	-0.12	0.799	1.068
	FR1 n25	45M	QPSK	240	0	DFT-SCS-15KHz	Left Side	5mm	Ant 1	DSI 7	376500	1882.5	20.82	22.10	1.343	-	-	0.07	0.638	0.857
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 1	DSI 7	376500	1882.5	20.86	22.10	1.330	-	-	-0.02	0.037	0.049
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Right Side	5mm	Ant 1	DSI 7	376500	1882.5	20.84	22.10	1.337	-	-	-0.05	0.036	0.048
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 1	DSI 7	376500	1882.5	20.86	22.10	1.330	-	-	-0.13	0.455	0.605
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Bottom Side	5mm	Ant 1	DSI 7	376500	1882.5	20.84	22.10	1.337	-	-	0.08	0.382	0.511
	FR1 n2_Other Path	40M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 1	DSI 7	376000	1880	20.95	22.10	1.303	-	-	-0.09	0.953	1.242
2300MHz																				
	LTE Band 30	10M	QPSK	1	0	-	Front	5mm	Ant 2	DSI 7	27710	2310	18.41	19.40	1.256	-	-	-0.05	0.580	0.728
	LTE Band 30	10M	QPSK	25	0	-	Front	5mm	Ant 2	DSI 7	27710	2310	18.37	19.40	1.268	-	-	-0.12	0.522	0.662
	LTE Band 30	10M	QPSK	1	0	-	Back	5mm	Ant 2	DSI 7	27710	2310	18.41	19.40	1.256	-	-	0.14	0.608	0.764
	LTE Band 30	10M	QPSK	25	0	-	Back	5mm	Ant 2	DSI 7	27710	2310	18.37	19.40	1.268	-	-	0.03	0.536	0.679
	LTE Band 30	10M	QPSK	1	0	-	Left Side	5mm	Ant 2	DSI 7	27710	2310	18.41	19.40	1.256	-	-	-0.01	1.020	1.281
	LTE Band 30	10M	QPSK	25	0	-	Left Side	5mm	Ant 2	DSI 7	27710	2310	18.37	19.40	1.268	-	-	-0.13	1.010	1.280
	LTE Band 30	10M	QPSK	50	0	-	Left Side	5mm	Ant 2	DSI 7	27710	2310	18.33	19.40	1.279	-	-	-0.09	0.907	1.160
	LTE Band 30	10M	QPSK	1	0	-	Top Side	5mm	Ant 2	DSI 7	27710	2310	18.41	19.40	1.256	-	-	-0.18	0.060	0.075
	LTE Band 30	10M	QPSK	25	0	-	Top Side	5mm	Ant 2	DSI 7	27710	2310	18.37	19.40	1.268	-	-	0.12	0.061	0.077
	LTE Band 30_Other Path	10M	QPSK	1	0	-	Left Side	5mm	Ant 2	DSI 7	27710	2310	18.41	19.40	1.256	-	-	0.02	0.971	1.220
	LTE Band 30	10M	QPSK	1	0	-	Front	5mm	Ant 3	DSI 7	27710	2310	21.18	22.00	1.208	-	-	-0.05	0.788	0.952
	LTE Band 30	10M	QPSK	25	0	-	Front	5mm	Ant 3	DSI 7	27710	2310	20.18	21.00	1.208	-	-	0.03	0.557	0.673
	LTE Band 30	10M	QPSK	50	0	-	Front	5mm	Ant 3	DSI 7	27710	2310	20.15	21.00	1.216	-	-	-0.06	0.526	0.640
	LTE Band 30	10M	QPSK	1	0	-	Back	5mm	Ant 3	DSI 7	27710	2310	21.18	22.00	1.208	-	-	0.07	0.992	1.198
	LTE Band 30	10M	QPSK	25	0	-	Back	5mm	Ant 3	DSI 7	27710	2310	20.18	21.00	1.208	-	-	0.01	0.768	0.928
	LTE Band 30	10M	QPSK	50	0	-	Back	5mm	Ant 3	DSI 7	27710	2310	20.15	21.00	1.216	-	-	-0.03	0.737	0.896
	LTE Band 30	10M	QPSK	1	0	-	Left Side	5mm	Ant 3	DSI 7	27710	2310	21.18	22.00	1.208	-	-	0.03	0.215	0.260
	LTE Band 30	10M	QPSK	25	0	-	Left Side	5mm	Ant 3	DSI 7	27710	2310	20.18	21.00	1.208	-	-	-0.17	0.150	0.181
	LTE Band 30	10M	QPSK	1	0	-	Right Side	5mm	Ant 3	DSI 7	27710	2310	21.18	22.00	1.208	-	-	0.02	0.040	0.048
	LTE Band 30	10M	QPSK	25	0	-	Right Side	5mm	Ant 3	DSI 7	27710	2310	20.18	21.00	1.208	-	-	-0.11	0.041	0.050
	LTE Band 30	10M	QPSK	1	0	-	Top Side	5mm	Ant 3	DSI 7	27710	2310	21.18	22.00	1.208	-	-	0.18	0.770	0.930
	LTE Band 30	10M	QPSK	25	0	-	Top Side	5mm	Ant 3	DSI 7	27710	2310	20.18	21.00	1.208	-	-	0.16	0.501	0.605
	LTE Band 30	10M	QPSK	50	0	-	Top Side	5mm	Ant 3	DSI 7	27710	2310	20.15	21.00	1.216	-	-	0.19	0.493	0.600
	LTE Band 30	10M	QPSK	1	0	-	Front	5mm	Ant 0	DSI 7	27710	2310	22.15	23.10	1.245	-	-	-0.07	0.572	0.712
	LTE Band 30	10M	QPSK	25	0	-	Front	5mm	Ant 0	DSI 7	27710	2310	22.10	23.00	1.230	-	-	-0.05	0.562	0.691
	LTE Band 30	10M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 7	27710	2310	22.15	23.10	1.245	-	-	0.13	0.588	0.732
	LTE Band 30	10M	QPSK	25	0	-	Back	5mm	Ant 0	DSI 7	27710	2310	22.10	23.00	1.230	-	-	-0.03	0.490	0.603
	LTE Band 30	10M	QPSK	1	0	-	Left Side	5mm	Ant 0	DSI 7	27710	2310	22.15	23.10	1.245	-	-	0.06	0.041	0.051
	LTE Band 30	10M	QPSK	25	0	-	Left Side	5mm	Ant 0	DSI 7	27710	2310	22.10	23.00	1.230	-	-	-0.04	0.042	0.052
50	LTE Band 30	10M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 7	27710	2310	22.15	23.10	1.245	-	-	-0.08	1.040	**1.294**

	LTE Band 30	10M	QPSK	25	0	-	Right Side	5mm	Ant 0	DSI 7	27710	2310	22.10	23.00	1.230	-	-	0.17	0.959	1.180
	LTE Band 30	10M	QPSK	50	0	-	Right Side	5mm	Ant 0	DSI 7	27710	2310	22.13	23.00	1.222	-	-	0.06	0.981	1.199
	LTE Band 30	10M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 7	27710	2310	22.15	23.10	1.245	-	-	0.01	0.658	0.819
	LTE Band 30	10M	QPSK	25	0	-	Bottom Side	5mm	Ant 0	DSI 7	27710	2310	22.10	23.00	1.230	-	-	-0.11	0.636	0.782
	LTE Band 30	10M	QPSK	50	0	-	Bottom Side	5mm	Ant 0	DSI 7	27710	2310	22.13	23.00	1.222	-	-	0.03	0.634	0.775
	LTE Band 30_Other Path	10M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 7	27710	2310	22.15	23.10	1.245	-	-	0.06	0.976	1.215
	LTE Band 30	10M	QPSK	1	0	-	Front	5mm	Ant 1	DSI 7	27710	2310	20.85	22.00	1.303	-	-	0.07	0.376	0.490
	LTE Band 30	10M	QPSK	25	0	-	Front	5mm	Ant 1	DSI 7	27710	2310	19.91	21.00	1.285	-	-	-0.15	0.441	0.567
	LTE Band 30	10M	QPSK	1	0	-	Back	5mm	Ant 1	DSI 7	27710	2310	20.85	22.00	1.303	-	-	-0.15	0.391	0.510
	LTE Band 30	10M	QPSK	25	0	-	Back	5mm	Ant 1	DSI 7	27710	2310	19.91	21.00	1.285	-	-	-0.08	0.443	0.569
	LTE Band 30	10M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 7	27710	2310	20.85	22.00	1.303	-	-	-0.04	0.341	0.444
	LTE Band 30	10M	QPSK	25	0	-	Left Side	5mm	Ant 1	DSI 7	27710	2310	19.91	21.00	1.285	-	-	0.02	0.388	0.499
	LTE Band 30	10M	QPSK	1	0	-	Right Side	5mm	Ant 1	DSI 7	27710	2310	20.85	22.00	1.303	-	-	-0.07	0.060	0.078
	LTE Band 30	10M	QPSK	25	0	-	Right Side	5mm	Ant 1	DSI 7	27710	2310	19.91	21.00	1.285	-	-	-0.08	0.052	0.067
	LTE Band 30	10M	QPSK	1	0	-	Bottom Side	5mm	Ant 1	DSI 7	27710	2310	20.85	22.00	1.303	-	-	0.07	0.461	0.601
	LTE Band 30	10M	QPSK	25	0	-	Bottom Side	5mm	Ant 1	DSI 7	27710	2310	19.91	21.00	1.285	-	-	0.12	0.399	0.513
	FR1 n30	10M	QPSK	1	1	-	Front	5mm	Ant 2	DSI 7	462000	2310	17.98	19.10	1.294	-	-	0.16	0.553	0.716
	FR1 n30	10M	QPSK	25	14	-	Front	5mm	Ant 2	DSI 7	462000	2310	17.96	19.10	1.300	-	-	-0.15	0.520	0.676
	FR1 n30	10M	QPSK	1	1	-	Back	5mm	Ant 2	DSI 7	462000	2310	17.98	19.10	1.294	-	-	-0.09	0.546	0.707
	FR1 n30	10M	QPSK	25	14	-	Back	5mm	Ant 2	DSI 7	462000	2310	17.96	19.10	1.300	-	-	0.14	0.535	0.696
	FR1 n30	10M	QPSK	1	1	-	Left Side	5mm	Ant 2	DSI 7	462000	2310	17.98	19.10	1.294	-	-	-0.09	0.935	1.210
	FR1 n30	10M	QPSK	25	14	-	Left Side	5mm	Ant 2	DSI 7	462000	2310	17.96	19.10	1.300	-	-	0.03	0.976	1.269
	FR1 n30	10M	QPSK	50	0	-	Left Side	5mm	Ant 2	DSI 7	462000	2310	17.93	19.10	1.309	-	-	0.07	0.737	0.965
	FR1 n30	10M	QPSK	1	1	-	Top Side	5mm	Ant 2	DSI 7	462000	2310	17.98	19.10	1.294	-	-	-0.18	0.074	0.096
	FR1 n30	10M	QPSK	25	14	-	Top Side	5mm	Ant 2	DSI 7	462000	2310	17.96	19.10	1.300	-	-	-0.07	0.070	0.091
	FR1 n30_Other Path	10M	QPSK	25	14	-	Left Side	5mm	Ant 2	DSI 7	462000	2310	17.91	19.10	1.315	-	-	-0.12	0.953	1.253
	FR1 n30	10M	QPSK	1	1	-	Front	5mm	Ant 0	DSI 7	462000	2310	21.82	22.70	1.225	-	-	-0.11	0.504	0.617
	FR1 n30	10M	QPSK	25	14	-	Front	5mm	Ant 0	DSI 7	462000	2310	21.78	22.70	1.236	-	-	0.14	0.499	0.617
	FR1 n30	10M	QPSK	1	1	-	Back	5mm	Ant 0	DSI 7	462000	2310	21.82	22.70	1.225	-	-	0.03	0.573	0.702
	FR1 n30	10M	QPSK	25	14	-	Back	5mm	Ant 0	DSI 7	462000	2310	21.78	22.70	1.236	-	-	0.1	0.537	0.664
	FR1 n30	10M	QPSK	1	1	-	Left Side	5mm	Ant 0	DSI 7	462000	2310	21.82	22.70	1.225	-	-	-0.06	0.045	0.055
	FR1 n30	10M	QPSK	25	14	-	Left Side	5mm	Ant 0	DSI 7	462000	2310	21.78	22.70	1.236	-	-	0.02	0.043	0.053
	FR1 n30	10M	QPSK	1	1	-	Right Side	5mm	Ant 0	DSI 7	462000	2310	21.82	22.70	1.225	-	-	-0.16	0.913	1.118
51	FR1 n30	10M	QPSK	25	14	-	Right Side	5mm	Ant 0	DSI 7	462000	2310	21.78	22.70	1.236	-	-	-0.07	1.040	**1.285**
	FR1 n30	10M	QPSK	50	0	-	Right Side	5mm	Ant 0	DSI 7	462000	2310	21.77	22.70	1.239	-	-	0.05	0.815	1.010
	FR1 n30	10M	QPSK	1	1	-	Bottom Side	5mm	Ant 0	DSI 7	462000	2310	21.82	22.70	1.225	-	-	-0.03	0.583	0.714
	FR1 n30	10M	QPSK	25	14	-	Bottom Side	5mm	Ant 0	DSI 7	462000	2310	21.78	22.70	1.236	-	-	0.17	0.591	0.730
	FR1 n30_Other Path	10M	QPSK	25	14	-	Right Side	5mm	Ant 0	DSI 7	462000	2310	21.86	22.70	1.213	-	-	0.11	0.986	1.196
2600MHz																				
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 2	DSI 7	21100	2535	17.41	18.40	1.256	-	-	-0.08	0.573	0.720
	LTE Band 7	20M	QPSK	50	0	-	Front	5mm	Ant 2	DSI 7	21100	2535	17.37	18.40	1.268	-	-	-0.08	0.311	0.394
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 2	DSI 7	21100	2535	17.41	18.40	1.256	-	-	0.04	0.526	0.661
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 2	DSI 7	21100	2535	17.37	18.40	1.268	-	-	0.11	0.281	0.356
	LTE Band 7	20M	QPSK	1	0	-	Left Side	5mm	Ant 2	DSI 7	21100	2535	17.41	18.40	1.256	-	-	-0.03	0.962	1.208
	LTE Band 7	20M	QPSK	1	0	-	Left Side	5mm	Ant 2	DSI 7	20850	2510	17.37	18.40	1.268	-	-	-0.16	0.958	1.214
52	LTE Band 7	20M	QPSK	1	0	-	Left Side	5mm	Ant 2	DSI 7	21350	2560	17.38	18.40	1.265	-	-	0.12	1.020	**1.290**
	LTE Band 7	20M	QPSK	50	0	-	Left Side	5mm	Ant 2	DSI 7	21100	2535	17.37	18.40	1.268	-	-	-0.02	0.502	0.636
	LTE Band 7	20M	QPSK	100	0	-	Left Side	5mm	Ant 2	DSI 7	21100	2535	17.36	18.40	1.271	-	-	-0.04	0.578	0.734
	LTE Band 7	20M	QPSK	1	0	-	Top Side	5mm	Ant 2	DSI 7	21100	2535	17.41	18.40	1.256	-	-	0.03	0.077	0.097
	LTE Band 7	20M	QPSK	50	0	-	Top Side	5mm	Ant 2	DSI 7	21100	2535	17.37	18.40	1.268	-	-	0.01	0.052	0.066
	LTE Band 7_Other Path	20M	QPSK	1	0	-	Left Side	5mm	Ant 2	DSI 7	21350	2560	17.38	18.40	1.265	-	-	0.12	0.965	1.220
	LTE Band 7C	20M	QPSK	1	0	-	Left Side	5mm	Ant 2	DSI 7	21350+ 21152	2560+ 2540.2	17.27	18.40	1.297	-	-	0.06	0.918	1.191
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 3	DSI 7	21100	2535	18.18	19.20	1.265	-	-	-0.03	0.284	0.359
	LTE Band 7	20M	QPSK	50	0	-	Front	5mm	Ant 3	DSI 7	21100	2535	18.16	19.20	1.271	-	-	-0.17	0.248	0.315
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 3	DSI 7	21100	2535	18.18	19.20	1.265	-	-	-0.06	0.278	0.352
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 3	DSI 7	21100	2535	18.16	19.20	1.271	-	-	-0.18	0.239	0.304

	LTE Band 7	20M	QPSK	1	0	-	Left Side	5mm	Ant 3	DSI 7	21100	2535	18.18	19.20	1.265	-	-	0.04	0.065	0.082
	LTE Band 7	20M	QPSK	50	0	-	Left Side	5mm	Ant 3	DSI 7	21100	2535	18.16	19.20	1.271	-	-	0.16	0.056	0.071
	LTE Band 7	20M	QPSK	1	0	-	Right Side	5mm	Ant 3	DSI 7	21100	2535	18.18	19.20	1.265	-	-	0.17	0.020	0.025
	LTE Band 7	20M	QPSK	50	0	-	Right Side	5mm	Ant 3	DSI 7	21100	2535	18.16	19.20	1.271	-	-	0.06	0.020	0.025
	LTE Band 7	20M	QPSK	1	0	-	Top Side	5mm	Ant 3	DSI 7	21100	2535	18.18	19.20	1.265	-	-	-0.18	0.937	1.185
	LTE Band 7	20M	QPSK	1	0	-	Top Side	5mm	Ant 3	DSI 7	20850	2510	18.15	19.20	1.274	-	-	0.15	1.010	1.286
	LTE Band 7	20M	QPSK	1	0	-	Top Side	5mm	Ant 3	DSI 7	21350	2560	18.07	19.20	1.297	-	-	0.06	0.962	1.248
	LTE Band 7	20M	QPSK	50	0	-	Top Side	5mm	Ant 3	DSI 7	21100	2535	18.16	19.20	1.271	-	-	0.18	0.578	0.734
	LTE Band 7	20M	QPSK	100	0	-	Top Side	5mm	Ant 3	DSI 7	21100	2535	18.14	19.20	1.276	-	-	-0.16	0.546	0.697
	LTE Band 7C	20M	QPSK	1	99	-	Top Side	5mm	Ant 3	DSI 7	20850+ 21048	2510+ 2529.8	17.97	19.20	1.327	-	-	0.06	0.895	1.188
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 0	DSI 7	21100	2535	19.26	19.90	1.159	-	-	0.06	0.463	0.537
	LTE Band 7	20M	QPSK	50	0	-	Front	5mm	Ant 0	DSI 7	21100	2535	19.25	19.90	1.161	-	-	0.11	0.243	0.282
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 7	21100	2535	19.26	19.90	1.159	-	-	-0.12	0.401	0.465
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 0	DSI 7	21100	2535	19.25	19.90	1.161	-	-	-0.1	0.217	0.252
	LTE Band 7	20M	QPSK	1	0	-	Left Side	5mm	Ant 0	DSI 7	21100	2535	19.26	19.90	1.159	-	-	-0.12	0.029	0.034
	LTE Band 7	20M	QPSK	50	0	-	Left Side	5mm	Ant 0	DSI 7	21100	2535	19.25	19.90	1.161	-	-	-0.1	0.014	0.016
	LTE Band 7	20M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 7	21100	2535	19.26	19.90	1.159	-	-	0.16	0.984	1.140
	LTE Band 7	20M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 7	20850	2510	19.19	19.90	1.178	-	-	-0.09	0.963	1.134
	LTE Band 7	20M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 7	21350	2560	19.24	19.90	1.164	-	-	0.03	1.090	1.269
	LTE Band 7	20M	QPSK	50	0	-	Right Side	5mm	Ant 0	DSI 7	21100	2535	19.25	19.90	1.161	-	-	-0.09	0.467	0.542
	LTE Band 7	20M	QPSK	100	0	-	Right Side	5mm	Ant 0	DSI 7	21100	2535	19.23	19.90	1.167	-	-	0.1	0.494	0.576
	LTE Band 7	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 7	21100	2535	19.26	19.90	1.159	-	-	0.1	0.467	0.541
	LTE Band 7	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 0	DSI 7	21100	2535	19.25	19.90	1.161	-	-	0.08	0.308	0.358
	LTE Band 7_Other Path	20M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 7	21350	2560	19.24	19.90	1.164	-	-	0.03	1.010	1.176
	LTE Band 7C	20M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 7	21350+ 21152	2560+ 2540.2	19.07	19.90	1.211	-	-	0.06	0.936	1.133
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 1	DSI 7	21100	2535	23.02	24.00	1.253	-	-	0.15	0.426	0.534
	LTE Band 7	20M	QPSK	50	0	-	Front	5mm	Ant 1	DSI 7	21100	2535	22.08	23.00	1.236	-	-	-0.03	0.388	0.480
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 1	DSI 7	21100	2535	23.02	24.00	1.253	-	-	-0.05	0.414	0.519
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 1	DSI 7	21100	2535	22.08	23.00	1.236	-	-	-0.03	0.365	0.451
	LTE Band 7	20M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 7	21100	2535	23.02	24.00	1.253	-	-	0.09	0.893	1.119
	LTE Band 7	20M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 7	20850	2510	22.96	24.00	1.271	-	-	-0.12	0.966	1.227
	LTE Band 7	20M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 7	21350	2560	22.95	24.00	1.274	-	-	-0.02	0.959	1.221
	LTE Band 7	20M	QPSK	50	0	-	Left Side	5mm	Ant 1	DSI 7	21100	2535	22.08	23.00	1.236	-	-	0.08	0.556	0.687
	LTE Band 7	20M	QPSK	100	0	-	Left Side	5mm	Ant 1	DSI 7	21100	2535	22.04	23.00	1.247	-	-	-0.08	0.625	0.780
	LTE Band 7	20M	QPSK	1	0	-	Right Side	5mm	Ant 1	DSI 7	21100	2535	23.02	24.00	1.253	-	-	-0.16	0.063	0.079
	LTE Band 7	20M	QPSK	50	0	-	Right Side	5mm	Ant 1	DSI 7	21100	2535	22.08	23.00	1.236	-	-	0.18	0.059	0.073
	LTE Band 7	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 1	DSI 7	21100	2535	23.02	24.00	1.253	-	-	-0.08	0.399	0.500
	LTE Band 7	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 1	DSI 7	21100	2535	22.08	23.00	1.236	-	-	0.04	0.361	0.446
	LTE Band 7C	20M	QPSK	1	99	-	Left Side	5mm	Ant 1	DSI 7	20850+ 21048	2510+ 2529.8	22.91	24.00	1.285	-	-	0.06	0.911	1.171
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 2	DSI 7	40620	2593	19.07	19.90	1.211	62.9	1.006	0.11	0.488	0.594
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 2	DSI 7	40620	2593	19.04	19.90	1.219	62.9	1.006	0.04	0.398	0.488
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 2	DSI 7	40620	2593	19.07	19.90	1.211	62.9	1.006	0.18	0.484	0.589
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 2	DSI 7	40620	2593	19.04	19.90	1.219	62.9	1.006	-0.07	0.460	0.564
	LTE Band 41	20M	QPSK	1	0	-	Left Side	5mm	Ant 2	DSI 7	40620	2593	19.07	19.90	1.211	62.9	1.006	-0.09	0.956	1.164
	LTE Band 41	20M	QPSK	1	0	-	Left Side	5mm	Ant 2	DSI 7	39750	2506	18.95	19.90	1.245	62.9	1.006	-0.06	0.921	1.153
	LTE Band 41	20M	QPSK	1	0	-	Left Side	5mm	Ant 2	DSI 7	40185	2549.5	19.06	19.90	1.213	62.9	1.006	0.01	1.050	1.282
	LTE Band 41	20M	QPSK	1	0	-	Left Side	5mm	Ant 2	DSI 7	41055	2636.5	18.95	19.90	1.245	62.9	1.006	0.02	0.984	1.232
	LTE Band 41	20M	QPSK	1	0	-	Left Side	5mm	Ant 2	DSI 7	41490	2680	18.91	19.90	1.256	62.9	1.006	-0.08	0.855	1.080
	LTE Band 41	20M	QPSK	50	0	-	Left Side	5mm	Ant 2	DSI 7	40620	2593	19.04	19.90	1.219	62.9	1.006	-0.03	0.660	0.809
	LTE Band 41	20M	QPSK	50	0	-	Left Side	5mm	Ant 2	DSI 7	39750	2506	18.92	19.90	1.253	62.9	1.006	0.18	0.640	0.807
	LTE Band 41	20M	QPSK	50	0	-	Left Side	5mm	Ant 2	DSI 7	40185	2549.5	18.97	19.90	1.239	62.9	1.006	0.01	0.781	0.973
	LTE Band 41	20M	QPSK	50	0	-	Left Side	5mm	Ant 2	DSI 7	41055	2636.5	18.94	19.90	1.247	62.9	1.006	0.03	0.726	0.911
	LTE Band 41	20M	QPSK	50	0	-	Left Side	5mm	Ant 2	DSI 7	41490	2680	19.02	19.90	1.225	62.9	1.006	-0.01	0.710	0.875
	LTE Band 41	20M	QPSK	100	0	-	Left Side	5mm	Ant 2	DSI 7	40620	2593	19.03	19.90	1.222	62.9	1.006	-0.18	0.730	0.897
	LTE Band 41	20M	QPSK	1	0	-	Right Side	5mm	Ant 2	DSI 7	40620	2593	19.07	19.90	1.211	62.9	1.006	-0.05	0.027	0.033

	LTE Band 41	20M	QPSK	50	0	-	Right Side	5mm	Ant 2	DSI 7	40620	2593	19.04	19.90	1.219	62.9	1.006	-0.14	0.018	0.022
	LTE Band 41	20M	QPSK	1	0	-	Top Side	5mm	Ant 2	DSI 7	40620	2593	19.07	19.90	1.211	62.9	1.006	0.06	0.218	0.265
	LTE Band 41	20M	QPSK	50	0	-	Top Side	5mm	Ant 2	DSI 7	40620	2593	19.04	19.90	1.219	62.9	1.006	0.08	0.164	0.201
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Left Side	5mm	Ant 2	DSI 7	40185	2549.5	20.53	21.50	1.250	42.9	1.009	-0.07	1.010	1.274
	LTE Band 41C	20M	QPSK	1	99	-	Left Side	5mm	Ant 2	DSI 7	40185+40383	2549.5+2569.3	18.93	19.90	1.250	62.9	1.006	-0.09	0.922	1.160
	LTE Band 41C HPUE	20M	QPSK	1	99	-	Left Side	5mm	Ant 2	DSI 7	40185+40383	2549.5+2569.3	20.36	21.50	1.300	42.9	1.009	-0.08	0.911	1.195
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 3	DSI 7	40620	2593	16.68	17.80	1.294	62.9	1.006	-0.07	0.281	0.366
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 3	DSI 7	40620	2593	16.63	17.80	1.309	62.9	1.006	-0.11	0.233	0.307
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 3	DSI 7	40620	2593	16.68	17.80	1.294	62.9	1.006	0.03	0.291	0.379
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 3	DSI 7	40620	2593	16.63	17.80	1.309	62.9	1.006	-0.1	0.237	0.312
	LTE Band 41	20M	QPSK	1	0	-	Left Side	5mm	Ant 3	DSI 7	40620	2593	16.68	17.80	1.294	62.9	1.006	0.01	0.269	0.350
	LTE Band 41	20M	QPSK	50	0	-	Left Side	5mm	Ant 3	DSI 7	40620	2593	16.63	17.80	1.309	62.9	1.006	0.06	0.215	0.283
	LTE Band 41	20M	QPSK	1	0	-	Right Side	5mm	Ant 3	DSI 7	40620	2593	16.68	17.80	1.294	62.9	1.006	0.03	0.009	0.012
	LTE Band 41	20M	QPSK	50	0	-	Right Side	5mm	Ant 3	DSI 7	40620	2593	16.63	17.80	1.309	62.9	1.006	0.04	0.007	0.009
	LTE Band 41	20M	QPSK	1	0	-	Top Side	5mm	Ant 3	DSI 7	40620	2593	16.68	17.80	1.294	62.9	1.006	0.04	0.914	1.190
	LTE Band 41	20M	QPSK	1	0	-	Top Side	5mm	Ant 3	DSI 7	39750	2506	16.55	17.80	1.334	62.9	1.006	0.07	0.940	1.261
	LTE Band 41	20M	QPSK	1	0	-	Top Side	5mm	Ant 3	DSI 7	40185	2549.5	16.58	17.80	1.324	62.9	1.006	0.13	0.898	1.196
	LTE Band 41	20M	QPSK	1	0	-	Top Side	5mm	Ant 3	DSI 7	41055	2636.5	16.61	17.80	1.315	62.9	1.006	-0.15	0.909	1.203
	LTE Band 41	20M	QPSK	1	0	-	Top Side	5mm	Ant 3	DSI 7	41490	2680	16.65	17.80	1.303	62.9	1.006	0.02	0.976	1.280
	LTE Band 41	20M	QPSK	50	0	-	Top Side	5mm	Ant 3	DSI 7	40620	2593	16.63	17.80	1.309	62.9	1.006	-0.04	0.825	1.087
	LTE Band 41	20M	QPSK	50	0	-	Top Side	5mm	Ant 3	DSI 7	39750	2506	16.50	17.80	1.349	62.9	1.006	0.12	0.778	1.056
	LTE Band 41	20M	QPSK	50	0	-	Top Side	5mm	Ant 3	DSI 7	40185	2549.5	16.52	17.80	1.343	62.9	1.006	-0.09	0.800	1.081
	LTE Band 41	20M	QPSK	50	0	-	Top Side	5mm	Ant 3	DSI 7	41055	2636.5	16.57	17.80	1.327	62.9	1.006	0.07	0.743	0.992
	LTE Band 41	20M	QPSK	50	0	-	Top Side	5mm	Ant 3	DSI 7	41490	2680	16.54	17.80	1.337	62.9	1.006	-0.04	0.833	1.120
	LTE Band 41	20M	QPSK	100	0	-	Top Side	5mm	Ant 3	DSI 7	40620	2593	16.62	17.80	1.312	62.9	1.006	0.13	0.751	0.991
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Top Side	5mm	Ant 3	DSI 7	41490	2680	18.23	19.40	1.309	42.9	1.009	-0.12	0.968	1.279
	LTE Band 41C	20M	QPSK	1	0	-	Top Side	5mm	Ant 3	DSI 7	41490+41292	2680+2660.2	16.53	17.80	1.340	62.9	1.006	0.13	0.876	1.181
	LTE Band 41C HPUE	20M	QPSK	1	0	-	Top Side	5mm	Ant 3	DSI 7	41490+41292	2680+2660.2	18.09	19.40	1.352	42.9	1.009	0.12	0.865	1.180
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 0	DSI 7	40620	2593	19.91	20.90	1.256	62.9	1.006	-0.15	0.387	0.489
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 0	DSI 7	40620	2593	19.89	20.90	1.262	62.9	1.006	-0.16	0.322	0.409
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 7	40620	2593	19.91	20.90	1.256	62.9	1.006	-0.13	0.324	0.409
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 0	DSI 7	40620	2593	19.89	20.90	1.262	62.9	1.006	-0.03	0.286	0.363
	LTE Band 41	20M	QPSK	1	0	-	Left Side	5mm	Ant 0	DSI 7	40620	2593	19.91	20.90	1.256	62.9	1.006	-0.17	0.025	0.032
	LTE Band 41	20M	QPSK	50	0	-	Left Side	5mm	Ant 0	DSI 7	40620	2593	19.89	20.90	1.262	62.9	1.006	-0.02	0.021	0.027
	LTE Band 41	20M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 7	40620	2593	19.91	20.90	1.256	62.9	1.006	-0.02	0.927	1.171
	LTE Band 41	20M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 7	39750	2506	19.86	20.90	1.271	62.9	1.006	0.17	0.905	1.157
	LTE Band 41	20M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 7	40185	2549.5	19.89	20.90	1.262	62.9	1.006	-0.09	0.899	1.141
53	LTE Band 41	20M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 7	41055	2636.5	19.85	20.90	1.274	62.9	1.006	0.04	1.010	**1.294**
	LTE Band 41	20M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 7	41490	2680	19.83	20.90	1.279	62.9	1.006	-0.05	0.916	1.179
	LTE Band 41	20M	QPSK	50	0	-	Right Side	5mm	Ant 0	DSI 7	40620	2593	19.89	20.90	1.262	62.9	1.006	-0.07	0.783	0.994
	LTE Band 41	20M	QPSK	50	0	-	Right Side	5mm	Ant 0	DSI 7	39750	2506	19.86	20.90	1.271	62.9	1.006	-0.06	0.740	0.946
	LTE Band 41	20M	QPSK	50	0	-	Right Side	5mm	Ant 0	DSI 7	40185	2549.5	19.88	20.90	1.265	62.9	1.006	-0.1	0.783	0.996
	LTE Band 41	20M	QPSK	50	0	-	Right Side	5mm	Ant 0	DSI 7	41055	2636.5	19.84	20.90	1.276	62.9	1.006	0.04	0.794	1.020
	LTE Band 41	20M	QPSK	50	0	-	Right Side	5mm	Ant 0	DSI 7	41490	2680	19.77	20.90	1.297	62.9	1.006	0.08	0.838	1.094
	LTE Band 41	20M	QPSK	100	0	-	Right Side	5mm	Ant 0	DSI 7	40620	2593	19.88	20.90	1.265	62.9	1.006	-0.09	0.760	0.967
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 7	40620	2593	19.91	20.90	1.256	62.9	1.006	0.03	0.425	0.537
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 0	DSI 7	40620	2593	19.89	20.90	1.262	62.9	1.006	0.12	0.400	0.508
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 7	41055	2636.5	21.46	22.50	1.271	42.9	1.009	-0.05	0.985	1.263
	LTE Band 41C	20M	QPSK	1	99	-	Right Side	5mm	Ant 0	DSI 7	41055+41253	2636.5+2656.3	19.72	20.90	1.312	62.9	1.006	0.03	0.902	1.191
	LTE Band 41C HPUE	20M	QPSK	1	99	-	Right Side	5mm	Ant 0	DSI 7	41055+41253	2636.5+2656.3	21.35	22.50	1.303	42.9	1.009	0.18	0.879	1.156
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 1	DSI 7	40620	2593	22.93	23.90	1.250	62.9	1.006	0.05	0.469	0.590
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 1	DSI 7	40620	2593	22.91	23.90	1.256	62.9	1.006	-0.04	0.394	0.498
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 1	DSI 7	40620	2593	22.93	23.90	1.250	62.9	1.006	0.02	0.475	0.597
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 1	DSI 7	40620	2593	22.91	23.90	1.256	62.9	1.006	0.11	0.396	0.500
	LTE Band 41	20M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 7	40620	2593	22.93	23.90	1.250	62.9	1.006	-0.03	0.931	1.171

	LTE Band 41	20M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 7	39750	2506	22.85	23.90	1.274	62.9	1.006	-0.05	0.966	1.238
	LTE Band 41	20M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 7	40185	2549.5	22.80	23.90	1.288	62.9	1.006	-0.07	0.891	1.155
	LTE Band 41	20M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 7	41055	2636.5	22.89	23.90	1.262	62.9	1.006	0.18	0.976	1.239
	LTE Band 41	20M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 7	41490	2680	22.91	23.90	1.256	62.9	1.006	-0.15	1.020	1.289
	LTE Band 41	20M	QPSK	50	0	-	Left Side	5mm	Ant 1	DSI 7	40620	2593	22.91	23.90	1.256	62.9	1.006	0.05	0.766	0.968
	LTE Band 41	20M	QPSK	50	0	-	Left Side	5mm	Ant 1	DSI 7	39750	2506	22.81	23.90	1.285	62.9	1.006	-0.05	0.861	1.113
	LTE Band 41	20M	QPSK	50	0	-	Left Side	5mm	Ant 1	DSI 7	40185	2549.5	22.80	23.90	1.288	62.9	1.006	0.02	0.871	1.129
	LTE Band 41	20M	QPSK	50	0	-	Left Side	5mm	Ant 1	DSI 7	41055	2636.5	22.83	23.90	1.279	62.9	1.006	0.15	0.967	1.245
	LTE Band 41	20M	QPSK	50	0	-	Left Side	5mm	Ant 1	DSI 7	41490	2680	22.90	23.90	1.259	62.9	1.006	-0.03	0.910	1.152
	LTE Band 41	20M	QPSK	100	0	-	Left Side	5mm	Ant 1	DSI 7	40620	2593	22.86	23.90	1.271	62.9	1.006	0.04	0.850	1.086
	LTE Band 41	20M	QPSK	1	0	-	Right Side	5mm	Ant 1	DSI 7	40620	2593	22.93	23.90	1.250	62.9	1.006	-0.05	0.067	0.084
	LTE Band 41	20M	QPSK	50	0	-	Right Side	5mm	Ant 1	DSI 7	40620	2593	22.91	23.90	1.256	62.9	1.006	-0.17	0.048	0.061
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 1	DSI 7	40620	2593	22.93	23.90	1.250	62.9	1.006	-0.15	0.464	0.584
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 1	DSI 7	40620	2593	22.91	23.90	1.256	62.9	1.006	-0.14	0.391	0.494
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 7	41490	2680	24.58	25.50	1.236	42.9	1.009	0.1	0.991	1.236
	LTE Band 41C	20M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 7	41490+ 41292	2680+ 2660.2	22.78	23.90	1.294	62.9	1.006	0.16	0.906	1.180
	LTE Band 41C HPUE	20M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 7	41490+ 41292	2680+ 2660.2	24.40	25.50	1.288	42.9	1.009	-0.1	0.894	1.162
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 2	DSI 7	507000	2535	18.39	19.30	1.233	-	-	-0.11	0.504	0.621
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Front	5mm	Ant 2	DSI 7	507000	2535	18.37	19.30	1.239	-	-	0.19	0.515	0.638
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 2	DSI 7	507000	2535	18.39	19.30	1.233	-	-	-0.18	0.466	0.575
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Back	5mm	Ant 2	DSI 7	507000	2535	18.37	19.30	1.239	-	-	-0.06	0.484	0.600
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 2	DSI 7	507000	2535	18.39	19.30	1.233	-	-	0.16	0.923	1.138
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Left Side	5mm	Ant 2	DSI 7	507000	2535	18.37	19.30	1.239	-	-	0.04	1.040	1.288
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Left Side	5mm	Ant 2	DSI 7	507000	2535	18.35	19.30	1.245	-	-	0.01	0.815	1.014
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Top Side	5mm	Ant 2	DSI 7	507000	2535	18.39	19.30	1.233	-	-	0.12	0.093	0.115
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Top Side	5mm	Ant 2	DSI 7	507000	2535	18.37	19.30	1.239	-	-	0.07	0.121	0.150
	FR1 n7_Other Path	50M	QPSK	135	68	DFT-SCS-15KHz	Left Side	5mm	Ant 2	DSI 7	507000	2535	18.22	19.30	1.282	-	-	-0.14	1.000	1.282
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 3	DSI 7	507000	2535	17.78	18.90	1.294	-	-	0.02	0.430	0.557
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Front	5mm	Ant 3	DSI 7	507000	2535	17.76	18.90	1.300	-	-	-0.03	0.567	0.737
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 3	DSI 7	507000	2535	17.78	18.90	1.294	-	-	-0.1	0.490	0.634
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Back	5mm	Ant 3	DSI 7	507000	2535	17.76	18.90	1.300	-	-	0.05	0.598	0.778
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 3	DSI 7	507000	2535	17.78	18.90	1.294	-	-	0.07	0.110	0.142
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Left Side	5mm	Ant 3	DSI 7	507000	2535	17.76	18.90	1.300	-	-	0.15	0.133	0.173
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 3	DSI 7	507000	2535	17.78	18.90	1.294	-	-	-0.05	0.033	0.043
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Right Side	5mm	Ant 3	DSI 7	507000	2535	17.76	18.90	1.300	-	-	-0.08	0.050	0.065
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Top Side	5mm	Ant 3	DSI 7	507000	2535	17.78	18.90	1.294	-	-	-0.08	0.703	0.910
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Top Side	5mm	Ant 3	DSI 7	507000	2535	17.76	18.90	1.300	-	-	-0.01	0.857	1.114
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Top Side	5mm	Ant 3	DSI 7	507000	2535	17.73	18.90	1.309	-	-	-0.13	0.744	0.974
	FR1 n7_Code 2	50M	QPSK	135	68	DFT-SCS-15KHz	Top Side	5mm	Ant 3	DSI 7	507000	2535	17.76	18.90	1.300	-	-	-0.06	0.982	1.277
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0	DSI 7	507000	2535	21.35	22.20	1.216	-	-	0.12	0.447	0.544
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Front	5mm	Ant 0	DSI 7	507000	2535	21.32	22.20	1.225	-	-	-0.11	0.497	0.609
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 7	507000	2535	21.35	22.20	1.216	-	-	-0.16	0.397	0.483
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 7	507000	2535	21.32	22.20	1.225	-	-	-0.17	0.433	0.530
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 0	DSI 7	507000	2535	21.35	22.20	1.216	-	-	-0.05	0.050	0.061
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Left Side	5mm	Ant 0	DSI 7	507000	2535	21.32	22.20	1.225	-	-	-0.01	0.034	0.042
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 0	DSI 7	507000	2535	21.35	22.20	1.216	-	-	-0.02	1.060	1.289
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Right Side	5mm	Ant 0	DSI 7	507000	2535	21.32	22.20	1.225	-	-	-0.14	0.900	1.102
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Right Side	5mm	Ant 0	DSI 7	507000	2535	21.29	22.20	1.233	-	-	-0.15	0.900	1.110
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0	DSI 7	507000	2535	21.35	22.20	1.216	-	-	-0.12	0.639	0.777
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0	DSI 7	507000	2535	21.32	22.20	1.225	-	-	-0.17	0.617	0.756
	FR1 n7_Other Path	50M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 0	DSI 7	507000	2535	21.14	22.20	1.276	-	-	0.15	0.991	1.265
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 1	DSI 7	507000	2535	20.59	21.60	1.262	-	-	-0.04	0.518	0.654
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Front	5mm	Ant 1	DSI 7	507000	2535	20.57	21.60	1.268	-	-	0.15	0.579	0.734
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI 7	507000	2535	20.59	21.60	1.262	-	-	-0.16	0.478	0.603
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI 7	507000	2535	20.57	21.60	1.268	-	-	0.05	0.464	0.588
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 1	DSI 7	507000	2535	20.59	21.60	1.262	-	-	-0.18	0.910	1.148

54	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Left Side	5mm	Ant 1	DSI 7	507000	2535	20.57	21.60	1.268	-	-	-0.01	1.020	**1.293**
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Left Side	5mm	Ant 1	DSI 7	507000	2535	20.52	21.60	1.282	-	-	-0.03	0.879	1.127
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 1	DSI 7	507000	2535	20.59	21.60	1.262	-	-	-0.04	0.046	0.058
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Right Side	5mm	Ant 1	DSI 7	507000	2535	20.57	21.60	1.268	-	-	-0.09	0.071	0.090
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 1	DSI 7	507000	2535	20.59	21.60	1.262	-	-	0.18	0.671	0.847
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Bottom Side	5mm	Ant 1	DSI 7	507000	2535	20.57	21.60	1.268	-	-	0.11	0.684	0.867
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Bottom Side	5mm	Ant 1	DSI 7	507000	2535	20.52	21.60	1.282	-	-	0.07	0.562	0.721
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 2	DSI 7	518598	2592.99	18.12	19.30	1.312	-	-	-0.15	0.443	0.581
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 2	DSI 7	518598	2592.99	18.09	19.30	1.321	-	-	-0.12	0.441	0.583
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 2	DSI 7	518598	2592.99	18.12	19.30	1.312	-	-	-0.03	0.436	0.572
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 2	DSI 7	518598	2592.99	18.09	19.30	1.321	-	-	0.17	0.420	0.555
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 2	DSI 7	518598	2592.99	18.12	19.30	1.312	-	-	-0.07	0.980	1.286
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 2	DSI 7	518598	2592.99	18.09	19.30	1.321	-	-	0.1	0.876	1.157
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Left Side	5mm	Ant 2	DSI 7	518598	2592.99	18.08	19.30	1.324	-	-	0.18	0.736	0.975
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 2	DSI 7	518598	2592.99	18.12	19.30	1.312	-	-	-0.11	0.012	0.016
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 2	DSI 7	518598	2592.99	18.09	19.30	1.321	-	-	-0.05	0.020	0.026
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 2	DSI 7	518598	2592.99	18.12	19.30	1.312	-	-	-0.04	0.082	0.108
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 2	DSI 7	518598	2592.99	18.09	19.30	1.321	-	-	-0.08	0.133	0.176
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 2	DSI 7	518598	2592.99	21.15	22.30	1.303	50	1.000	0.18	0.939	1.224
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3	DSI 7	518598	2592.99	18.14	19.00	1.219	-	-	-0.13	0.737	0.898
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 3	DSI 7	518598	2592.99	18.13	19.00	1.222	-	-	-0.13	0.679	0.830
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 3	DSI 7	518598	2592.99	18.12	19.00	1.225	-	-	-0.1	0.623	0.763
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3	DSI 7	518598	2592.99	18.14	19.00	1.219	-	-	-0.07	0.713	0.869
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 3	DSI 7	518598	2592.99	18.13	19.00	1.222	-	-	0.11	0.699	0.854
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 3	DSI 7	518598	2592.99	18.12	19.00	1.225	-	-	-0.17	0.619	0.758
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 3	DSI 7	518598	2592.99	18.14	19.00	1.219	-	-	0.01	0.217	0.265
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 3	DSI 7	518598	2592.99	18.13	19.00	1.222	-	-	0.1	0.148	0.181
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 3	DSI 7	518598	2592.99	18.14	19.00	1.219	-	-	0.11	0.072	0.088
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 3	DSI 7	518598	2592.99	18.13	19.00	1.222	-	-	-0.07	0.063	0.077
55	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 3	DSI 7	518598	2592.99	18.14	19.00	1.219	-	-	-0.07	1.060	**1.292**
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 3	DSI 7	518598	2592.99	18.13	19.00	1.222	-	-	0.18	0.959	1.172
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Top Side	5mm	Ant 3	DSI 7	518598	2592.99	18.12	19.00	1.225	-	-	0.12	0.922	1.129
	FR1 n41_Code 2	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 3	DSI 7	518598	2592.99	18.14	19.00	1.219	-	-	0.11	1.010	1.231
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 3	DSI 7	518598	2592.99	21.11	22.00	1.227	50	1.000	0.02	0.981	1.204
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 0	DSI 7	518598	2592.99	18.29	19.30	1.262	-	-	-0.09	0.371	0.468
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 0	DSI 7	518598	2592.99	18.28	19.30	1.265	-	-	-0.04	0.536	0.678
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 0	DSI 7	518598	2592.99	18.29	19.30	1.262	-	-	-0.09	0.345	0.435
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 0	DSI 7	518598	2592.99	18.28	19.30	1.265	-	-	0.05	0.427	0.540
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 0	DSI 7	518598	2592.99	18.29	19.30	1.262	-	-	-0.12	0.025	0.032
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 0	DSI 7	518598	2592.99	18.28	19.30	1.265	-	-	-0.12	0.030	0.038
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 0	DSI 7	518598	2592.99	18.29	19.30	1.262	-	-	0.15	0.828	1.045
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 0	DSI 7	518598	2592.99	18.28	19.30	1.265	-	-	-0.02	1.010	1.277
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Right Side	5mm	Ant 0	DSI 7	518598	2592.99	18.23	19.30	1.279	-	-	-0.05	0.955	1.222
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 0	DSI 7	518598	2592.99	18.29	19.30	1.262	-	-	-0.07	0.501	0.632
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 0	DSI 7	518598	2592.99	18.28	19.30	1.265	-	-	0.1	0.620	0.784
	FR1 n41 HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 0	DSI 7	518598	2592.99	21.25	22.30	1.274	50	1.000	0.01	0.950	1.210
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 1	DSI 7	518598	2592.99	21.32	22.10	1.197	-	-	0.08	0.466	0.558
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 1	DSI 7	518598	2592.99	21.31	22.10	1.199	-	-	0.01	0.469	0.563
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 1	DSI 7	518598	2592.99	21.32	22.10	1.197	-	-	-0.08	0.461	0.552
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 1	DSI 7	518598	2592.99	21.31	22.10	1.199	-	-	-0.08	0.401	0.481
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 1	DSI 7	518598	2592.99	21.32	22.10	1.197	-	-	-0.15	1.060	1.269
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 1	DSI 7	518598	2592.99	21.31	22.10	1.199	-	-	-0.18	0.914	1.096
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Left Side	5mm	Ant 1	DSI 7	518598	2592.99	21.29	22.10	1.205	-	-	0.1	0.948	1.142
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 1	DSI 7	518598	2592.99	21.32	22.10	1.197	-	-	0.12	0.080	0.096
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 1	DSI 7	518598	2592.99	21.31	22.10	1.199	-	-	0.08	0.060	0.072
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 1	DSI 7	518598	2592.99	21.32	22.10	1.197	-	-	-0.17	0.572	0.685

	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 1	DSI 7	518598	2592.99	21.31	22.10	1.199	-	-	-0.03	0.597	0.716
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 1	DSI 7	518598	2592.99	24.35	25.10	1.189	50	1.000	0.01	1.050	1.248
	3500-3900MHz																			
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	5mm	Ant 4	DSI 7	42590	3500	18.52	19.40	1.225	62.9	1.006	0.17	0.408	0.503
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Front	5mm	Ant 4	DSI 7	42590	3500	18.49	19.40	1.233	62.9	1.006	-0.04	0.257	0.319
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Back	5mm	Ant 4	DSI 7	42590	3500	18.52	19.40	1.225	62.9	1.006	-0.01	0.403	0.496
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Back	5mm	Ant 4	DSI 7	42590	3500	18.49	19.40	1.233	62.9	1.006	-0.17	0.261	0.324
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Left Side	5mm	Ant 4	DSI 7	42590	3500	18.52	19.40	1.225	62.9	1.006	0.02	1.010	1.244
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Left Side	5mm	Ant 4	DSI 7	42190	3460	18.50	19.40	1.230	62.9	1.006	0.11	1.040	1.287
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Left Side	5mm	Ant 4	DSI 7	42990	3540	18.48	19.40	1.236	62.9	1.006	0.17	0.967	1.202
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Left Side	5mm	Ant 4	DSI 7	42590	3500	18.49	19.40	1.233	62.9	1.006	-0.1	0.647	0.803
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Left Side	5mm	Ant 4	DSI 7	42190	3460	18.47	19.40	1.239	62.9	1.006	-0.06	0.731	0.911
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Left Side	5mm	Ant 4	DSI 7	42990	3540	18.44	19.40	1.247	62.9	1.006	0.15	0.710	0.891
	LTE Band 42 Part 27Q	20M	QPSK	100	0	-	Left Side	5mm	Ant 4	DSI 7	42590	3500	18.48	19.40	1.236	62.9	1.006	-0.01	0.701	0.872
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Top Side	5mm	Ant 4	DSI 7	42590	3500	18.52	19.40	1.225	62.9	1.006	-0.16	0.805	0.992
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Top Side	5mm	Ant 4	DSI 7	42190	3460	18.50	19.40	1.230	62.9	1.006	-0.14	0.885	1.095
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Top Side	5mm	Ant 4	DSI 7	42990	3540	18.48	19.40	1.236	62.9	1.006	0.18	0.967	1.202
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Top Side	5mm	Ant 4	DSI 7	42590	3500	18.49	19.40	1.233	62.9	1.006	0.13	0.529	0.656
	LTE Band 42 Part 27Q	20M	QPSK	100	0	-	Top Side	5mm	Ant 4	DSI 7	42590	3500	18.48	19.40	1.236	62.9	1.006	-0.1	0.532	0.661
	LTE Band 42C Part 27Q	20M	QPSK	1	99	-	Left Side	5mm	Ant 4	DSI 7	42190+ 42388	3460+ 3479.8	18.32	19.40	1.282	62.9	1.006	0.05	0.923	1.191
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	5mm	Ant 8	DSI 7	42590	3500	19.54	20.40	1.219	62.9	1.006	-0.05	0.513	0.629
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Front	5mm	Ant 8	DSI 7	42590	3500	19.53	20.40	1.222	62.9	1.006	0.05	0.328	0.403
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Back	5mm	Ant 8	DSI 7	42590	3500	19.54	20.40	1.219	62.9	1.006	0.18	0.611	0.749
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Back	5mm	Ant 8	DSI 7	42590	3500	19.53	20.40	1.222	62.9	1.006	0.12	0.400	0.492
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Right Side	5mm	Ant 8	DSI 7	42590	3500	19.54	20.40	1.219	62.9	1.006	-0.09	0.968	1.187
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Right Side	5mm	Ant 8	DSI 7	42190	3460	19.48	20.40	1.236	62.9	1.006	-0.01	0.964	1.199
56	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Right Side	5mm	Ant 8	DSI 7	42990	3540	19.51	20.40	1.227	62.9	1.006	-0.02	1.050	**1.297**
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Right Side	5mm	Ant 8	DSI 7	42590	3500	19.53	20.40	1.222	62.9	1.006	0.16	0.509	0.626
	LTE Band 42 Part 27Q	20M	QPSK	100	0	-	Right Side	5mm	Ant 8	DSI 7	42590	3500	19.51	20.40	1.227	62.9	1.006	0.15	0.576	0.711
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Top Side	5mm	Ant 8	DSI 7	42590	3500	19.54	20.40	1.219	62.9	1.006	0.03	0.069	0.085
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Top Side	5mm	Ant 8	DSI 7	42590	3500	19.53	20.40	1.222	62.9	1.006	-0.03	0.045	0.055
	LTE Band 42C Part 27Q	20M	QPSK	1	0	-	Right Side	5mm	Ant 8	DSI 7	42990+ 42792	3540+ 3520.2	19.40	20.40	1.259	62.9	1.006	0.02	0.924	1.170
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	5mm	Ant 3	DSI 7	42590	3500	18.95	19.90	1.245	62.9	1.006	0.12	0.412	0.516
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Front	5mm	Ant 3	DSI 7	42590	3500	18.94	19.90	1.247	62.9	1.006	-0.17	0.371	0.466
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Back	5mm	Ant 3	DSI 7	42590	3500	18.95	19.90	1.245	62.9	1.006	0.02	0.534	0.669
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Back	5mm	Ant 3	DSI 7	42590	3500	18.94	19.90	1.247	62.9	1.006	-0.11	0.335	0.420
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Left Side	5mm	Ant 3	DSI 7	42590	3500	18.95	19.90	1.245	62.9	1.006	0.14	0.061	0.076
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Left Side	5mm	Ant 3	DSI 7	42590	3500	18.94	19.90	1.247	62.9	1.006	-0.16	0.036	0.045
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Top Side	5mm	Ant 3	DSI 7	42590	3500	18.95	19.90	1.245	62.9	1.006	-0.02	0.913	1.143
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Top Side	5mm	Ant 3	DSI 7	42190	3460	18.93	19.90	1.250	62.9	1.006	0.02	1.030	1.295
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Top Side	5mm	Ant 3	DSI 7	42990	3540	18.89	19.90	1.262	62.9	1.006	-0.04	0.990	1.257
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Top Side	5mm	Ant 3	DSI 7	42590	3500	18.94	19.90	1.247	62.9	1.006	0.18	0.723	0.907
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Top Side	5mm	Ant 3	DSI 7	42190	3460	18.92	19.90	1.253	62.9	1.006	-0.17	0.767	0.967
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Top Side	5mm	Ant 3	DSI 7	42990	3540	18.85	19.90	1.274	62.9	1.006	0.18	0.738	0.945
	LTE Band 42 Part 27Q	20M	QPSK	100	0	-	Top Side	5mm	Ant 3	DSI 7	42590	3500	18.93	19.90	1.250	62.9	1.006	-0.02	0.715	0.899
	LTE Band 42C Part 27Q	20M	QPSK	1	99	-	Top Side	5mm	Ant 3	DSI 7	42190+ 42388	3460+ 3479.8	18.74	19.90	1.306	62.9	1.006	0.09	0.911	1.197
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	5mm	Ant 5	DSI 7	42590	3500	18.53	19.50	1.250	62.9	1.006	-0.08	0.403	0.507
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Front	5mm	Ant 5	DSI 7	42590	3500	18.51	19.50	1.256	62.9	1.006	0.18	0.258	0.326
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Back	5mm	Ant 5	DSI 7	42590	3500	18.53	19.50	1.250	62.9	1.006	0.04	0.393	0.494
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Back	5mm	Ant 5	DSI 7	42590	3500	18.51	19.50	1.256	62.9	1.006	0.06	0.250	0.316
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Left Side	5mm	Ant 5	DSI 7	42590	3500	18.53	19.50	1.250	62.9	1.006	-0.17	0.040	0.050
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Left Side	5mm	Ant 5	DSI 7	42590	3500	18.51	19.50	1.256	62.9	1.006	-0.13	0.027	0.034
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Right Side	5mm	Ant 5	DSI 7	42590	3500	18.53	19.50	1.250	62.9	1.006	-0.07	0.059	0.074
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Right Side	5mm	Ant 5	DSI 7	42590	3500	18.51	19.50	1.256	62.9	1.006	-0.02	0.035	0.044
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Top Side	5mm	Ant 5	DSI 7	42590	3500	18.53	19.50	1.250	62.9	1.006	-0.03	0.961	1.209

	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Top Side	5mm	Ant 5	DSI 7	42190	3460	18.50	19.50	1.259	62.9	1.006	0.14	0.895	1.133
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Top Side	5mm	Ant 5	DSI 7	42990	3540	18.47	19.50	1.268	62.9	1.006	0.12	1.010	1.288
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Top Side	5mm	Ant 5	DSI 7	42590	3500	18.51	19.50	1.256	62.9	1.006	-0.17	0.675	0.853
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Top Side	5mm	Ant 5	DSI 7	42190	3460	18.42	19.50	1.282	62.9	1.006	0.15	0.626	0.808
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Top Side	5mm	Ant 5	DSI 7	42990	3540	18.47	19.50	1.268	62.9	1.006	-0.1	0.723	0.922
	LTE Band 42 Part 27Q	20M	QPSK	100	0	-	Top Side	5mm	Ant 5	DSI 7	42590	3500	18.50	19.50	1.259	62.9	1.006	-0.17	0.662	0.838
	LTE Band 42C Part 27Q	20M	QPSK	1	0	-	Top Side	5mm	Ant 5	DSI 7	42990+ 42792	3540+ 3520.2	18.28	19.50	1.324	62.9	1.006	0.03	0.892	1.188
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 4	DSI 7	55830	3609	18.64	19.40	1.191	62.9	1.006	0.04	0.466	0.558
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 4	DSI 7	55830	3609	18.61	19.40	1.199	62.9	1.006	-0.06	0.322	0.389
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 4	DSI 7	55830	3609	18.64	19.40	1.191	62.9	1.006	0.16	0.482	0.578
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 4	DSI 7	55830	3609	18.61	19.40	1.199	62.9	1.006	0.12	0.331	0.399
	LTE Band 48	20M	QPSK	1	0	-	Left Side	5mm	Ant 4	DSI 7	55830	3609	18.64	19.40	1.191	62.9	1.006	0.09	0.975	1.168
	LTE Band 48	20M	QPSK	1	0	-	Left Side	5mm	Ant 4	DSI 7	55340	3560	18.56	19.40	1.213	62.9	1.006	-0.11	0.965	1.178
	LTE Band 48	20M	QPSK	1	0	-	Left Side	5mm	Ant 4	DSI 7	56150	3641	18.50	19.40	1.230	62.9	1.006	-0.11	0.999	1.236
	LTE Band 48	20M	QPSK	1	0	-	Left Side	5mm	Ant 4	DSI 7	56640	3690	18.61	19.40	1.199	62.9	1.006	0.01	1.070	1.291
	LTE Band 48	20M	QPSK	50	0	-	Left Side	5mm	Ant 4	DSI 7	55830	3609	18.61	19.40	1.199	62.9	1.006	-0.07	0.617	0.745
	LTE Band 48	20M	QPSK	50	0	-	Left Side	5mm	Ant 4	DSI 7	55340	3560	18.48	19.40	1.236	62.9	1.006	-0.03	0.629	0.782
	LTE Band 48	20M	QPSK	50	0	-	Left Side	5mm	Ant 4	DSI 7	56150	3641	18.57	19.40	1.211	62.9	1.006	0.09	0.624	0.760
	LTE Band 48	20M	QPSK	50	0	-	Left Side	5mm	Ant 4	DSI 7	56640	3690	18.50	19.40	1.230	62.9	1.006	-0.14	0.653	0.808
	LTE Band 48	20M	QPSK	100	0	-	Left Side	5mm	Ant 4	DSI 7	55830	3609	18.59	19.40	1.205	62.9	1.006	-0.02	0.563	0.683
	LTE Band 48	20M	QPSK	1	0	-	Right Side	5mm	Ant 4	DSI 7	55830	3609	18.64	19.40	1.191	62.9	1.006	0.12	0.015	0.018
	LTE Band 48	20M	QPSK	50	0	-	Right Side	5mm	Ant 4	DSI 7	55830	3609	18.61	19.40	1.199	62.9	1.006	0.03	0.009	0.011
	LTE Band 48	20M	QPSK	1	0	-	Top Side	5mm	Ant 4	DSI 7	55830	3609	18.64	19.40	1.191	62.9	1.006	0.1	0.187	0.224
	LTE Band 48	20M	QPSK	50	0	-	Top Side	5mm	Ant 4	DSI 7	55830	3609	18.61	19.40	1.199	62.9	1.006	-0.05	0.137	0.165
	LTE Band 48C	20M	QPSK	1	0	-	Left Side	5mm	Ant 4	DSI 7	56640+ 56442	3690+ 3670.2	18.51	19.40	1.227	62.9	1.006	0.01	0.965	1.192
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 8	DSI 7	55830	3609	18.61	19.40	1.199	62.9	1.006	-0.07	0.695	0.839
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 8	DSI 7	55340	3560	18.52	19.40	1.225	62.9	1.006	0.15	0.706	0.870
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 8	DSI 7	56150	3641	18.55	19.40	1.216	62.9	1.006	-0.1	0.773	0.946
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 8	DSI 7	56640	3690	18.59	19.40	1.205	62.9	1.006	0.08	0.736	0.892
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 8	DSI 7	55830	3609	18.59	19.40	1.205	62.9	1.006	0.13	0.384	0.466
	LTE Band 48	20M	QPSK	100	0	-	Front	5mm	Ant 8	DSI 7	55830	3609	18.55	19.40	1.216	62.9	1.006	-0.11	0.464	0.568
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 8	DSI 7	55830	3609	18.61	19.40	1.199	62.9	1.006	-0.15	0.859	1.037
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 8	DSI 7	55340	3560	18.52	19.40	1.225	62.9	1.006	0.05	0.889	1.095
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 8	DSI 7	56150	3641	18.55	19.40	1.216	62.9	1.006	-0.16	0.945	1.156
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 8	DSI 7	56640	3690	18.59	19.40	1.205	62.9	1.006	0.05	0.950	1.152
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 8	DSI 7	55830	3609	18.59	19.40	1.205	62.9	1.006	-0.01	0.553	0.670
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 8	DSI 7	55340	3560	18.55	19.40	1.216	62.9	1.006	0.17	0.547	0.669
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 8	DSI 7	56150	3641	18.49	19.40	1.233	62.9	1.006	-0.12	0.514	0.638
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 8	DSI 7	56640	3690	18.51	19.40	1.227	62.9	1.006	-0.08	0.525	0.648
	LTE Band 48	20M	QPSK	100	0	-	Back	5mm	Ant 8	DSI 7	55830	3609	18.55	19.40	1.216	62.9	1.006	0.04	0.498	0.609
	LTE Band 48	20M	QPSK	1	0	-	Right Side	5mm	Ant 8	DSI 7	55830	3609	18.61	19.40	1.199	62.9	1.006	-0.15	1.000	1.207
	LTE Band 48	20M	QPSK	1	0	-	Right Side	5mm	Ant 8	DSI 7	55340	3560	18.52	19.40	1.225	62.9	1.006	-0.19	0.934	1.151
	LTE Band 48	20M	QPSK	1	0	-	Right Side	5mm	Ant 8	DSI 7	56150	3641	18.55	19.40	1.216	62.9	1.006	0.17	0.995	1.217
57	LTE Band 48	20M	QPSK	1	0	-	Right Side	5mm	Ant 8	DSI 7	56640	3690	18.59	19.40	1.205	62.9	1.006	0.08	1.070	**1.297**
	LTE Band 48	20M	QPSK	50	0	-	Right Side	5mm	Ant 8	DSI 7	55830	3609	18.59	19.40	1.205	62.9	1.006	0.09	0.684	0.829
	LTE Band 48	20M	QPSK	50	0	-	Right Side	5mm	Ant 8	DSI 7	55340	3560	18.55	19.40	1.216	62.9	1.006	-0.03	0.725	0.887
	LTE Band 48	20M	QPSK	50	0	-	Right Side	5mm	Ant 8	DSI 7	56150	3641	18.49	19.40	1.233	62.9	1.006	-0.02	0.723	0.897
	LTE Band 48	20M	QPSK	50	0	-	Right Side	5mm	Ant 8	DSI 7	56640	3690	18.51	19.40	1.227	62.9	1.006	-0.02	0.764	0.943
	LTE Band 48	20M	QPSK	100	0	-	Right Side	5mm	Ant 8	DSI 7	55830	3609	18.55	19.40	1.216	62.9	1.006	0.14	0.681	0.833
	LTE Band 48	20M	QPSK	1	0	-	Top Side	5mm	Ant 8	DSI 7	55830	3609	18.61	19.40	1.199	62.9	1.006	-0.03	0.113	0.136
	LTE Band 48	20M	QPSK	50	0	-	Top Side	5mm	Ant 8	DSI 7	55830	3609	18.59	19.40	1.205	62.9	1.006	0.08	0.073	0.088
	LTE Band 48C	20M	QPSK	1	0	-	Right Side	5mm	Ant 8	DSI 7	56640+ 56442	3690+ 3670.2	18.43	19.40	1.250	62.9	1.006	0.09	0.950	1.195
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 3	DSI 7	55830	3609	20.64	21.60	1.247	62.9	1.006	0.17	0.347	0.435
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 3	DSI 7	55830	3609	20.59	21.60	1.262	62.9	1.006	0.15	0.217	0.275
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 3	DSI 7	55830	3609	20.64	21.60	1.247	62.9	1.006	-0.17	0.434	0.545

	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 3	DSI 7	55830	3609	20.59	21.60	1.262	62.9	1.006	-0.16	0.272	0.345
	LTE Band 48	20M	QPSK	1	0	-	Left Side	5mm	Ant 3	DSI 7	55830	3609	20.64	21.60	1.247	62.9	1.006	-0.02	0.081	0.102
	LTE Band 48	20M	QPSK	50	0	-	Left Side	5mm	Ant 3	DSI 7	55830	3609	20.59	21.60	1.262	62.9	1.006	-0.13	0.043	0.055
	LTE Band 48	20M	QPSK	1	0	-	Top Side	5mm	Ant 3	DSI 7	55830	3609	20.64	21.60	1.247	62.9	1.006	0.13	0.936	1.175
	LTE Band 48	20M	QPSK	1	0	-	Top Side	5mm	Ant 3	DSI 7	55340	3560	20.62	21.60	1.253	62.9	1.006	0.06	1.020	1.286
	LTE Band 48	20M	QPSK	1	0	-	Top Side	5mm	Ant 3	DSI 7	56150	3641	20.56	21.60	1.271	62.9	1.006	0.15	0.915	1.170
	LTE Band 48	20M	QPSK	1	0	-	Top Side	5mm	Ant 3	DSI 7	56640	3690	20.50	21.60	1.288	62.9	1.006	0.1	0.980	1.270
	LTE Band 48	20M	QPSK	50	0	-	Top Side	5mm	Ant 3	DSI 7	55830	3609	20.59	21.60	1.262	62.9	1.006	-0.07	0.466	0.592
	LTE Band 48	20M	QPSK	100	0	-	Top Side	5mm	Ant 3	DSI 7	55830	3609	20.57	21.60	1.268	62.9	1.006	0.11	0.434	0.553
	LTE Band 48C	20M	QPSK	1	99	-	Top Side	5mm	Ant 3	DSI 7	55340+ 55538	3560+ 3579.8	20.44	21.60	1.306	62.9	1.006	0.09	0.902	1.185
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 5	DSI 7	55830	3609	18.11	19.30	1.315	62.9	1.006	0.14	0.289	0.382
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 5	DSI 7	55830	3609	18.09	19.30	1.321	62.9	1.006	-0.12	0.182	0.242
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 5	DSI 7	55830	3609	18.11	19.30	1.315	62.9	1.006	0.04	0.292	0.386
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 5	DSI 7	55830	3609	18.09	19.30	1.321	62.9	1.006	0.08	0.184	0.245
	LTE Band 48	20M	QPSK	1	0	-	Right Side	5mm	Ant 5	DSI 7	55830	3609	18.11	19.30	1.315	62.9	1.006	0.06	0.045	0.060
	LTE Band 48	20M	QPSK	50	0	-	Right Side	5mm	Ant 5	DSI 7	55830	3609	18.09	19.30	1.321	62.9	1.006	0.16	0.029	0.039
	LTE Band 48	20M	QPSK	1	0	-	Top Side	5mm	Ant 5	DSI 7	55830	3609	18.11	19.30	1.315	62.9	1.006	-0.09	0.842	1.114
	LTE Band 48	20M	QPSK	1	0	-	Top Side	5mm	Ant 5	DSI 7	55340	3560	18.09	19.30	1.321	62.9	1.006	0.01	0.963	1.280
	LTE Band 48	20M	QPSK	1	0	-	Top Side	5mm	Ant 5	DSI 7	56150	3641	18.06	19.30	1.330	62.9	1.006	-0.09	0.847	1.134
	LTE Band 48	20M	QPSK	1	0	-	Top Side	5mm	Ant 5	DSI 7	56640	3690	17.99	19.30	1.352	62.9	1.006	0.1	0.887	1.206
	LTE Band 48	20M	QPSK	50	0	-	Top Side	5mm	Ant 5	DSI 7	55830	3609	18.09	19.30	1.321	62.9	1.006	0.1	0.526	0.699
	LTE Band 48	20M	QPSK	50	0	-	Top Side	5mm	Ant 5	DSI 7	55340	3560	17.97	19.30	1.358	62.9	1.006	-0.04	0.519	0.709
	LTE Band 48	20M	QPSK	50	0	-	Top Side	5mm	Ant 5	DSI 7	56150	3641	18.05	19.30	1.334	62.9	1.006	-0.13	0.472	0.633
	LTE Band 48	20M	QPSK	50	0	-	Top Side	5mm	Ant 5	DSI 7	56640	3690	18.07	19.30	1.327	62.9	1.006	0.03	0.464	0.620
	LTE Band 48	20M	QPSK	100	0	-	Top Side	5mm	Ant 5	DSI 7	55830	3609	18.08	19.30	1.324	62.9	1.006	-0.14	0.530	0.706
	LTE Band 48C	20M	QPSK	1	99	-	Top Side	5mm	Ant 5	DSI 7	55340+ 55538	3560+ 3579.8	17.92	19.30	1.374	62.9	1.006	0.02	0.857	1.185
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4	DSI 7	641666	3624.99	15.57	16.30	1.183	-	-	0.01	0.332	0.393
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 4	DSI 7	641666	3624.99	15.56	16.30	1.186	-	-	0.1	0.539	0.639
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4	DSI 7	641666	3624.99	15.57	16.30	1.183	-	-	0.04	0.346	0.409
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 4	DSI 7	641666	3624.99	15.56	16.30	1.186	-	-	-0.01	0.491	0.582
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 4	DSI 7	641666	3624.99	15.57	16.30	1.183	-	-	0.05	0.652	0.771
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Side	5mm	Ant 4	DSI 7	641666	3624.99	15.56	16.30	1.186	-	-	0.06	0.671	0.796
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 4	DSI 7	641666	3624.99	15.57	16.30	1.183	-	-	-0.08	0.010	0.012
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	5mm	Ant 4	DSI 7	641666	3624.99	15.56	16.30	1.186	-	-	0.13	0.012	0.014
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 4	DSI 7	641666	3624.99	15.57	16.30	1.183	-	-	-0.08	1.080	1.278
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 4	DSI 7	638000	3570	15.50	16.30	1.202	-	-	-0.15	1.020	1.226
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 4	DSI 7	645332	3679.98	15.52	16.30	1.197	-	-	-0.15	1.000	1.197
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	5mm	Ant 4	DSI 7	641666	3624.99	15.56	16.30	1.186	-	-	0.12	0.924	1.096
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	5mm	Ant 4	DSI 7	638000	3570	15.54	16.30	1.191	-	-	0.11	0.911	1.085
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	5mm	Ant 4	DSI 7	645332	3679.98	15.55	16.30	1.189	-	-	-0.08	0.896	1.065
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Top Side	5mm	Ant 4	DSI 7	641666	3624.99	15.54	16.30	1.191	-	-	0.03	0.863	1.028
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 8	DSI 7	641666	3624.99	17.03	17.80	1.194	-	-	-0.03	0.538	0.642
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 8	DSI 7	641666	3624.99	17.02	17.80	1.197	-	-	0.08	0.600	0.718
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 8	DSI 7	641666	3624.99	17.03	17.80	1.194	-	-	0.05	0.718	0.857
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 8	DSI 7	638000	3570	16.99	17.80	1.205	-	-	0.13	0.689	0.830
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 8	DSI 7	645332	3679.98	16.96	17.80	1.213	-	-	-0.18	0.666	0.808
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 8	DSI 7	641666	3624.99	17.02	17.80	1.197	-	-	-0.11	0.828	0.991
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 8	DSI 7	638000	3570	16.98	17.80	1.208	-	-	0.02	0.802	0.969
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 8	DSI 7	645332	3679.98	17.01	17.80	1.199	-	-	0.16	0.785	0.942
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Back	5mm	Ant 8	DSI 7	641666	3624.99	16.95	17.80	1.216	-	-	-0.12	0.600	0.730
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 8	DSI 7	641666	3624.99	17.03	17.80	1.194	-	-	0.03	0.012	0.014
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Side	5mm	Ant 8	DSI 7	641666	3624.99	17.02	17.80	1.197	-	-	-0.16	0.010	0.012
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 8	DSI 7	641666	3624.99	17.03	17.80	1.194	-	-	-0.03	1.070	1.278
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 8	DSI 7	638000	3570	16.99	17.80	1.205	-	-	-0.03	1.020	1.229
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 8	DSI 7	645332	3679.98	16.96	17.80	1.213	-	-	0.07	0.996	1.209
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	5mm	Ant 8	DSI 7	641666	3624.99	17.02	17.80	1.197	-	-	-0.02	1.010	1.209

	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	5mm	Ant 8	DSI 7	638000	3570	16.98	17.80	1.208	-	-	-0.01	0.975	1.178
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	5mm	Ant 8	DSI 7	645332	3679.98	17.01	17.80	1.199	-	-	0.01	0.946	1.135
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Right Side	5mm	Ant 8	DSI 7	641666	3624.99	16.95	17.80	1.216	-	-	0.15	0.772	0.939
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 8	DSI 7	641666	3624.99	17.03	17.80	1.194	-	-	-0.09	0.127	0.152
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	5mm	Ant 8	DSI 7	641666	3624.99	17.02	17.80	1.197	-	-	0.11	0.156	0.187
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3	DSI 7	641666	3624.99	17.16	18.40	1.330	-	-	0.08	0.341	0.454
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 3	DSI 7	641666	3624.99	17.14	18.40	1.337	-	-	0.01	0.327	0.437
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3	DSI 7	641666	3624.99	17.16	18.40	1.330	-	-	-0.08	0.371	0.494
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 3	DSI 7	641666	3624.99	17.14	18.40	1.337	-	-	-0.08	0.343	0.458
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 3	DSI 7	641666	3624.99	17.16	18.40	1.330	-	-	-0.18	0.145	0.193
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Side	5mm	Ant 3	DSI 7	641666	3624.99	17.14	18.40	1.337	-	-	0.1	0.194	0.259
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 3	DSI 7	641666	3624.99	17.16	18.40	1.330	-	-	0.08	0.020	0.027
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	5mm	Ant 3	DSI 7	641666	3624.99	17.14	18.40	1.337	-	-	-0.17	0.025	0.033
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 3	DSI 7	641666	3624.99	17.16	18.40	1.330	-	-	-0.12	0.656	0.873
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 3	DSI 7	638000	3570	17.11	18.40	1.346	-	-	0.08	0.623	0.838
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 3	DSI 7	645332	3679.98	17.12	18.40	1.343	-	-	0.01	0.641	0.861
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	5mm	Ant 3	DSI 7	641666	3624.99	17.14	18.40	1.337	-	-	-0.03	0.522	0.698
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Top Side	5mm	Ant 3	DSI 7	641666	3624.99	17.12	18.40	1.343	-	-	0.14	0.576	0.773
	FR1 n48_Code 2	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 3	DSI 7	641666	3624.99	17.16	18.40	1.330	-	-	-0.09	0.952	1.267
58	FR1 n48_Code 3	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 3	DSI 7	641666	3624.99	17.16	18.40	1.330	-	-	-0.01	0.972	**1.293**
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 5	DSI 7	641666	3624.99	18.16	19.20	1.271	-	-	-0.18	0.368	0.468
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 5	DSI 7	641666	3624.99	18.15	19.20	1.274	-	-	0.1	0.324	0.413
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 5	DSI 7	641666	3624.99	18.16	19.20	1.271	-	-	0.08	0.470	0.597
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 5	DSI 7	641666	3624.99	18.15	19.20	1.274	-	-	-0.17	0.398	0.507
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 5	DSI 7	641666	3624.99	18.16	19.20	1.271	-	-	0.14	0.039	0.050
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Side	5mm	Ant 5	DSI 7	641666	3624.99	18.15	19.20	1.274	-	-	0.11	0.032	0.041
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 5	DSI 7	641666	3624.99	18.16	19.20	1.271	-	-	-0.05	0.044	0.056
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	5mm	Ant 5	DSI 7	641666	3624.99	18.15	19.20	1.274	-	-	0.18	0.041	0.052
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 5	DSI 7	641666	3624.99	18.16	19.20	1.271	-	-	-0.13	1.000	1.271
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 5	DSI 7	638000	3570	18.04	19.20	1.306	-	-	0.05	0.956	1.249
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 5	DSI 7	645332	3679.98	18.06	19.20	1.300	-	-	0.06	0.933	1.213
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	5mm	Ant 5	DSI 7	641666	3624.99	18.15	19.20	1.274	-	-	0.14	0.891	1.135
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	5mm	Ant 5	DSI 7	638000	3570	18.10	19.20	1.288	-	-	-0.09	0.845	1.089
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	5mm	Ant 5	DSI 7	645332	3679.98	18.14	19.20	1.276	-	-	-0.08	0.866	1.105
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Top Side	5mm	Ant 5	DSI 7	641666	3624.99	18.08	19.20	1.294	-	-	-0.17	0.842	1.090
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4	DSI 7	656000	3840	16.08	17.30	1.324	-	-	0.16	0.558	0.739
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 4	DSI 7	656000	3840	16.07	17.30	1.327	-	-	-0.1	0.552	0.733
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4	DSI 7	656000	3840	16.08	17.30	1.324	-	-	0.18	0.645	0.854
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 4	DSI 7	656000	3840	16.07	17.30	1.327	-	-	-0.1	0.627	0.832
	FR1 n77 Part 27O	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 4	DSI 7	656000	3840	16.05	17.30	1.334	-	-	0.01	0.540	0.720
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 4	DSI 7	656000	3840	16.08	17.30	1.324	-	-	-0.18	0.925	1.225
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 4	DSI 7	656000	3840	16.07	17.30	1.327	-	-	-0.15	0.860	1.142
	FR1 n77 Part 27O	100M	QPSK	270	0	DFT-SCS-30KHz	Left Side	5mm	Ant 4	DSI 7	656000	3840	16.05	17.30	1.334	-	-	0.19	0.895	1.194
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 4	DSI 7	656000	3840	16.08	17.30	1.324	-	-	0.07	0.015	0.020
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 4	DSI 7	656000	3840	16.07	17.30	1.327	-	-	-0.18	0.014	0.019
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 4	DSI 7	656000	3840	16.08	17.30	1.324	-	-	0.03	0.385	0.510
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 4	DSI 7	656000	3840	16.07	17.30	1.327	-	-	-0.15	0.350	0.465
	FR1 n77 Part 27O HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 4	DSI 7	656000	3840	19.05	20.30	1.334	50	1.000	0.01	0.908	1.211
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4	DSI 7	633334	3500.01	16.05	17.30	1.334	-	-	0.06	0.436	0.581
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 4	DSI 7	633334	3500.01	16.03	17.30	1.340	-	-	-0.03	0.356	0.477
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4	DSI 7	633334	3500.01	16.05	17.30	1.334	-	-	0.08	0.393	0.524
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 4	DSI 7	633334	3500.01	16.03	17.30	1.340	-	-	-0.07	0.370	0.496
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 4	DSI 7	633334	3500.01	16.05	17.30	1.334	-	-	-0.15	0.959	1.279
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 4	DSI 7	633334	3500.01	16.03	17.30	1.340	-	-	-0.11	0.857	1.148
	FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Left Side	5mm	Ant 4	DSI 7	633334	3500.01	16.00	17.30	1.349	-	-	-0.12	0.826	1.114
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 4	DSI 7	633334	3500.01	16.05	17.30	1.334	-	-	0.03	0.007	0.009

	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 4	DSI 7	633334	3500.01	16.03	17.30	1.340	-	-	-0.16	0.008	0.011
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 4	DSI 7	633334	3500.01	16.05	17.30	1.334	-	-	-0.02	0.628	0.837
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 4	DSI 7	633334	3500.01	16.03	17.30	1.340	-	-	0.15	0.605	0.811
	FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Top Side	5mm	Ant 4	DSI 7	633334	3500.01	16.00	17.30	1.349	-	-	-0.09	0.544	0.734
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 4	DSI 7	633334	3500.01	19.09	20.30	1.321	50	1.000	-0.08	0.945	1.249
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 8	DSI 7	656000	3840	18.14	19.10	1.247	-	-	0.08	0.567	0.707
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 8	DSI 7	656000	3840	18.12	19.10	1.253	-	-	0.01	0.421	0.528
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 8	DSI 7	656000	3840	18.14	19.10	1.247	-	-	-0.08	0.773	0.964
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 8	DSI 7	656000	3840	18.12	19.10	1.253	-	-	-0.08	0.676	0.847
	FR1 n77 Part 27O	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 8	DSI 7	656000	3840	18.09	19.10	1.262	-	-	0.1	0.573	0.723
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 8	DSI 7	656000	3840	18.14	19.10	1.247	-	-	-0.18	0.012	0.015
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 8	DSI 7	656000	3840	18.12	19.10	1.253	-	-	0.1	0.013	0.016
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 8	DSI 7	656000	3840	18.14	19.10	1.247	-	-	-0.09	1.030	1.285
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 8	DSI 7	656000	3840	18.12	19.10	1.253	-	-	0.12	0.903	1.132
	FR1 n77 Part 27O	100M	QPSK	270	0	DFT-SCS-30KHz	Right Side	5mm	Ant 8	DSI 7	656000	3840	18.09	19.10	1.262	-	-	0.08	0.860	1.085
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 8	DSI 7	656000	3840	18.14	19.10	1.247	-	-	-0.17	0.139	0.173
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 8	DSI 7	656000	3840	18.12	19.10	1.253	-	-	-0.03	0.132	0.165
	FR1 n77 Part 27O HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 8	DSI 7	656000	3840	21.22	22.10	1.225	50	1.000	0.08	0.982	1.203
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 8	DSI 7	633334	3500.01	18.08	19.10	1.265	-	-	-0.17	0.349	0.441
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 8	DSI 7	633334	3500.01	18.06	19.10	1.271	-	-	0.04	0.292	0.371
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 8	DSI 7	633334	3500.01	18.08	19.10	1.265	-	-	-0.08	0.503	0.636
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 8	DSI 7	633334	3500.01	18.06	19.10	1.271	-	-	0.05	0.339	0.431
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 8	DSI 7	633334	3500.01	18.08	19.10	1.265	-	-	-0.09	0.007	0.009
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 8	DSI 7	633334	3500.01	18.06	19.10	1.271	-	-	-0.08	0.009	0.011
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 8	DSI 7	633334	3500.01	18.08	19.10	1.265	-	-	-0.01	0.840	1.062
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 8	DSI 7	633334	3500.01	18.06	19.10	1.271	-	-	0.13	0.820	1.042
	FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Right Side	5mm	Ant 8	DSI 7	633334	3500.01	18.03	19.10	1.279	-	-	0.12	0.737	0.943
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 8	DSI 7	633334	3500.01	18.08	19.10	1.265	-	-	0.03	0.106	0.134
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 8	DSI 7	633334	3500.01	18.06	19.10	1.271	-	-	0.18	0.097	0.123
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 8	DSI 7	633334	3500.01	21.16	22.10	1.242	50	1.000	-0.18	0.819	1.017
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3	DSI 7	656000	3840	17.55	18.60	1.274	-	-	0.03	0.437	0.557
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 3	DSI 7	656000	3840	17.53	18.60	1.279	-	-	-0.15	0.392	0.502
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3	DSI 7	656000	3840	17.55	18.60	1.274	-	-	0.11	0.446	0.568
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 3	DSI 7	656000	3840	17.53	18.60	1.279	-	-	-0.08	0.383	0.490
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 3	DSI 7	656000	3840	17.55	18.60	1.274	-	-	-0.08	0.155	0.197
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 3	DSI 7	656000	3840	17.53	18.60	1.279	-	-	-0.04	0.096	0.123
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 3	DSI 7	656000	3840	17.55	18.60	1.274	-	-	-0.08	0.025	0.032
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 3	DSI 7	656000	3840	17.53	18.60	1.279	-	-	0.17	0.017	0.022
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 3	DSI 7	656000	3840	17.55	18.60	1.274	-	-	0.08	0.606	0.772
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 3	DSI 7	656000	3840	17.53	18.60	1.279	-	-	0.18	0.446	0.571
	FR1 n77 Part 27O_ Code 2	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 3	DSI 7	656000	3840	17.55	18.60	1.274	-	-	0.02	0.875	1.114
	FR1 n77 Part 27O_ Code 3	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 3	DSI 7	656000	3840	17.55	18.60	1.274	-	-	0.08	1.010	1.286
	FR1 n77 Part 27O_ Code 3	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 3	DSI 7	656000	3840	17.53	18.60	1.279	-	-	-0.11	0.985	1.260
	FR1 n77 Part 27O_ Code 3	100M	QPSK	270	0	DFT-SCS-30KHz	Top Side	5mm	Ant 3	DSI 7	656000	3840	17.51	18.60	1.285	-	-	-0.12	0.912	1.172
	FR1 n77 Part 27O HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 3	DSI 7	656000	3840	20.59	21.60	1.262	50	1.000	0.14	0.579	0.731
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3	DSI 7	633334	3500.01	17.49	18.60	1.291	-	-	0.03	0.429	0.554
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 3	DSI 7	633334	3500.01	17.45	18.60	1.303	-	-	-0.16	0.494	0.644
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3	DSI 7	633334	3500.01	17.49	18.60	1.291	-	-	0.15	0.549	0.709
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 3	DSI 7	633334	3500.01	17.45	18.60	1.303	-	-	-0.09	0.566	0.738
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 3	DSI 7	633334	3500.01	17.49	18.60	1.291	-	-	-0.05	0.057	0.074
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 3	DSI 7	633334	3500.01	17.45	18.60	1.303	-	-	-0.08	0.075	0.098
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 3	DSI 7	633334	3500.01	17.49	18.60	1.291	-	-	0.16	0.030	0.039
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 3	DSI 7	633334	3500.01	17.45	18.60	1.303	-	-	0.05	0.031	0.040
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 3	DSI 7	633334	3500.01	17.49	18.60	1.291	-	-	-0.04	0.937	1.210
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 3	DSI 7	633334	3500.01	17.45	18.60	1.303	-	-	0.05	0.910	1.186
	FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Top Side	5mm	Ant 3	DSI 7	633334	3500.01	17.42	18.60	1.312	-	-	-0.03	0.800	1.050

	FR1 n77 Part 27Q_ Code 2	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 3	DSI 7	633334	3500.01	17.49	18.60	1.291	-	-	0.13	0.906	1.170
	FR1 n77 Part 27Q_ Code 3	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 3	DSI 7	633334	3500.01	17.49	18.60	1.291	-	-	0.01	0.712	0.919
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 3	DSI 7	633334	3500.01	20.52	21.60	1.282	50	1.000	-0.01	0.914	1.172
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 5	DSI 7	656000	3840	15.73	16.60	1.222	-	-	0.16	0.411	0.502
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 5	DSI 7	656000	3840	15.72	16.60	1.225	-	-	-0.03	0.429	0.525
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 5	DSI 7	656000	3840	15.73	16.60	1.222	-	-	0.05	0.435	0.531
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 5	DSI 7	656000	3840	15.72	16.60	1.225	-	-	0.01	0.407	0.498
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 5	DSI 7	656000	3840	15.73	16.60	1.222	-	-	-0.06	0.035	0.043
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 5	DSI 7	656000	3840	15.72	16.60	1.225	-	-	-0.04	0.033	0.040
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 5	DSI 7	656000	3840	15.73	16.60	1.222	-	-	-0.09	0.082	0.100
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 5	DSI 7	656000	3840	15.72	16.60	1.225	-	-	-0.17	0.067	0.082
59	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 5	DSI 7	656000	3840	15.73	16.60	1.222	-	-	0.07	1.060	**1.295**
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 5	DSI 7	656000	3840	15.72	16.60	1.225	-	-	-0.1	1.000	1.225
	FR1 n77 Part 27O	100M	QPSK	270	0	DFT-SCS-30KHz	Top Side	5mm	Ant 5	DSI 7	656000	3840	15.69	16.60	1.233	-	-	0.18	0.960	1.184
	FR1 n77 Part 27O HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 5	DSI 7	656000	3840	18.76	19.60	1.213	50	1.000	0.11	0.994	1.206
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 5	DSI 7	633334	3500.01	15.78	16.60	1.208	-	-	-0.13	0.148	0.179
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 5	DSI 7	633334	3500.01	15.76	16.60	1.213	-	-	0.17	0.189	0.229
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 5	DSI 7	633334	3500.01	15.78	16.60	1.208	-	-	0.12	0.155	0.187
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 5	DSI 7	633334	3500.01	15.76	16.60	1.213	-	-	-0.04	0.220	0.267
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 5	DSI 7	633334	3500.01	15.78	16.60	1.208	-	-	0.11	0.020	0.024
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 5	DSI 7	633334	3500.01	15.76	16.60	1.213	-	-	-0.02	0.028	0.034
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 5	DSI 7	633334	3500.01	15.78	16.60	1.208	-	-	0.1	0.016	0.019
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 5	DSI 7	633334	3500.01	15.76	16.60	1.213	-	-	0.04	0.023	0.028
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 5	DSI 7	633334	3500.01	15.78	16.60	1.208	-	-	0.13	0.346	0.418
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 5	DSI 7	633334	3500.01	15.76	16.60	1.213	-	-	-0.04	0.585	0.710
	FR1 n77 Part 27Q HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 5	DSI 7	633334	3500.01	18.81	19.60	1.199	50	1.000	0.14	0.551	0.661

<Open UL MIMO>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 2+3	DSI 7	376500	1882.5	17.91	19.40	1.409	-	-	0.04	0.553	0.779
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Front	5mm	Ant 2+3	DSI 7	376500	1882.5	17.82	19.40	1.439	-	-	-0.05	0.451	0.649
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 2+3	DSI 7	376500	1882.5	17.91	19.40	1.409	-	-	-0.04	0.513	0.723
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Back	5mm	Ant 2+3	DSI 7	376500	1882.5	17.82	19.40	1.439	-	-	0.14	0.435	0.626
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 2+3	DSI 7	376500	1882.5	17.91	19.40	1.409	-	-	0.03	0.900	1.268
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Left Side	5mm	Ant 2+3	DSI 7	376500	1882.5	17.82	19.40	1.439	-	-	0.16	0.777	1.118
	FR1 n25	45M	QPSK	240	0	DFT-SCS-15KHz	Left Side	5mm	Ant 2+3	DSI 7	376500	1882.5	17.78	19.40	1.454	-	-	0.02	0.752	1.093
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 2+3	DSI 7	376500	1882.5	17.91	19.40	1.409	-	-	0.01	0.077	0.109
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Right Side	5mm	Ant 2+3	DSI 7	376500	1882.5	17.82	19.40	1.439	-	-	-0.06	0.067	0.096
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Top Side	5mm	Ant 2+3	DSI 7	376500	1882.5	17.91	19.40	1.409	-	-	0.14	0.486	0.685
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Top Side	5mm	Ant 2+3	DSI 7	376500	1882.5	17.82	19.40	1.439	-	-	-0.09	0.321	0.462
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 2+3	DSI 7	376500	1882.5	17.91	19.40	1.409	-	-	-0.09	0.042	0.059
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Bottom Side	5mm	Ant 2+3	DSI 7	376500	1882.5	17.82	19.40	1.439	-	-	-0.12	0.031	0.045
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0+1	DSI 7	376500	1882.5	20.77	22.20	1.390	-	-	0.09	0.452	0.628
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Front	5mm	Ant 0+1	DSI 7	376500	1882.5	20.74	22.20	1.400	-	-	-0.02	0.423	0.592
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0+1	DSI 7	376500	1882.5	20.77	22.20	1.390	-	-	-0.16	0.423	0.588
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Back	5mm	Ant 0+1	DSI 7	376500	1882.5	20.74	22.20	1.400	-	-	-0.03	0.367	0.514
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 0+1	DSI 7	376500	1882.5	20.77	22.20	1.390	-	-	-0.06	0.921	1.280
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Left Side	5mm	Ant 0+1	DSI 7	376500	1882.5	20.74	22.20	1.400	-	-	0.08	0.765	1.071
	FR1 n25	45M	QPSK	240	0	DFT-SCS-15KHz	Left Side	5mm	Ant 0+1	DSI 7	376500	1882.5	20.68	22.20	1.421	-	-	0.14	0.738	1.048
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 0+1	DSI 7	376500	1882.5	20.77	22.20	1.390	-	-	-0.07	0.155	0.215
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Right Side	5mm	Ant 0+1	DSI 7	376500	1882.5	20.74	22.20	1.400	-	-	0.11	0.134	0.188
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Top Side	5mm	Ant 0+1	DSI 7	376500	1882.5	20.77	22.20	1.390	-	-	-0.13	0.010	0.014
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Top Side	5mm	Ant 0+1	DSI 7	376500	1882.5	20.74	22.20	1.400	-	-	0.04	0.006	0.008
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0+1	DSI 7	376500	1882.5	20.77	22.20	1.390	-	-	0.17	0.632	0.878

	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0+1	DSI 7	376500	1882.5	20.74	22.20	1.400	-	-	-0.1	0.589	0.824
	FR1 n25	45M	QPSK	240	0	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0+1	DSI 7	376500	1882.5	20.68	22.20	1.421	-	-	-0.16	0.549	0.780
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 2+3	DSI 7	518598	2592.99	18.27	19.10	1.211	50	1.000	-0.02	0.546	0.661
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 2+3	DSI 7	518598	2592.99	18.14	19.10	1.247	50	1.000	0.1	0.511	0.637
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 2+3	DSI 7	518598	2592.99	18.27	19.10	1.211	50	1.000	-0.1	0.516	0.625
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 2+3	DSI 7	518598	2592.99	18.14	19.10	1.247	50	1.000	-0.05	0.445	0.555
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 2+3	DSI 7	518598	2592.99	18.27	19.10	1.211	50	1.000	-0.04	1.040	1.259
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 2+3	DSI 7	518598	2592.99	18.14	19.10	1.247	50	1.000	0.01	0.981	1.224
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Left Side	5mm	Ant 2+3	DSI 7	518598	2592.99	18.13	19.10	1.250	50	1.000	0.06	0.954	1.193
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 2+3	DSI 7	518598	2592.99	18.27	19.10	1.211	50	1.000	-0.09	0.054	0.065
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 2+3	DSI 7	518598	2592.99	18.14	19.10	1.247	50	1.000	0.03	0.051	0.064
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 2+3	DSI 7	518598	2592.99	18.27	19.10	1.211	50	1.000	-0.11	0.621	0.752
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 2+3	DSI 7	518598	2592.99	18.14	19.10	1.247	50	1.000	-0.16	0.567	0.707
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 2+3	DSI 7	518598	2592.99	18.27	19.10	1.211	50	1.000	0.15	0.010	0.012
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 2+3	DSI 7	518598	2592.99	18.14	19.10	1.247	50	1.000	-0.15	0.008	0.010
	FR1 n41 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 2+3	DSI 7	518598	2592.99	21.03	21.10	1.016	25	1.000	0.02	1.010	1.026
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 0+1	DSI 7	518598	2592.99	21.50	23.00	1.413	50	1.000	-0.04	0.320	0.452
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 0+1	DSI 7	518598	2592.99	21.44	23.00	1.432	50	1.000	-0.12	0.306	0.438
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 0+1	DSI 7	518598	2592.99	21.50	23.00	1.413	50	1.000	-0.07	0.245	0.346
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 0+1	DSI 7	518598	2592.99	21.44	23.00	1.432	50	1.000	-0.03	0.201	0.288
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 0+1	DSI 7	518598	2592.99	21.50	23.00	1.413	50	1.000	-0.13	0.237	0.335
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 0+1	DSI 7	518598	2592.99	21.44	23.00	1.432	50	1.000	0.05	0.208	0.298
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 0+1	DSI 7	518598	2592.99	21.50	23.00	1.413	50	1.000	-0.15	0.889	1.256
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 0+1	DSI 7	518598	2592.99	21.44	23.00	1.432	50	1.000	-0.11	0.865	1.239
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Right Side	5mm	Ant 0+1	DSI 7	518598	2592.99	21.42	23.00	1.440	50	1.000	0.03	0.853	1.229
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 0+1	DSI 7	518598	2592.99	21.50	23.00	1.413	50	1.000	0.07	0.012	0.017
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 0+1	DSI 7	518598	2592.99	21.44	23.00	1.432	50	1.000	-0.13	0.008	0.011
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 0+1	DSI 7	518598	2592.99	21.50	23.00	1.413	50	1.000	-0.12	0.241	0.340
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 0+1	DSI 7	518598	2592.99	21.44	23.00	1.432	50	1.000	0.19	0.218	0.312
	FR1 n41 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 0+1	DSI 7	518598	2592.99	24.51	26.00	1.410	25	1.000	0.01	0.887	1.251
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4+8	DSI 7	641666	3624.99	15.82	17.20	1.374	-	-	-0.05	0.383	0.526
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 4+8	DSI 7	641666	3624.99	15.70	17.20	1.413	-	-	-0.12	0.311	0.439
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4+8	DSI 7	641666	3624.99	15.82	17.20	1.374	-	-	0.18	0.569	0.782
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 4+8	DSI 7	641666	3624.99	15.70	17.20	1.413	-	-	0.14	0.545	0.770
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 4+8	DSI 7	641666	3624.99	15.82	17.20	1.374	-	-	0.03	0.574	0.789
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Side	5mm	Ant 4+8	DSI 7	641666	3624.99	15.70	17.20	1.413	-	-	0.09	0.534	0.754
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 4+8	DSI 7	641666	3624.99	15.82	17.20	1.374	-	-	-0.13	0.648	0.890
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 4+8	DSI 7	638000	3570	15.61	17.20	1.441	-	-	0.01	0.613	0.883
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 4+8	DSI 7	645332	3679.98	15.65	17.20	1.429	-	-	-0.03	0.607	0.867
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	5mm	Ant 4+8	DSI 7	641666	3624.99	15.70	17.20	1.413	-	-	-0.09	0.623	0.880
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	5mm	Ant 4+8	DSI 7	638000	3570	15.63	17.20	1.435	-	-	0.03	0.588	0.844
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	5mm	Ant 4+8	DSI 7	645332	3679.98	15.61	17.20	1.441	-	-	-0.17	0.595	0.858
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Right Side	5mm	Ant 4+8	DSI 7	641666	3624.99	15.64	17.20	1.432	-	-	0.02	0.574	0.822
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 4+8	DSI 7	641666	3624.99	15.82	17.20	1.374	-	-	-0.18	0.912	1.253
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 4+8	DSI 7	638000	3570	15.61	17.20	1.441	-	-	-0.11	0.823	1.186
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 4+8	DSI 7	645332	3679.98	15.65	17.20	1.429	-	-	0.18	0.845	1.207
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	5mm	Ant 4+8	DSI 7	641666	3624.99	15.70	17.20	1.413	-	-	0.12	0.831	1.174
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	5mm	Ant 4+8	DSI 7	638000	3570	15.63	17.20	1.435	-	-	0.16	0.802	1.151
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	5mm	Ant 4+8	DSI 7	645332	3679.98	15.61	17.20	1.441	-	-	0.19	0.795	1.146
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Top Side	5mm	Ant 4+8	DSI 7	641666	3624.99	15.64	17.20	1.432	-	-	0.13	0.784	1.123
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4+8	DSI 7	641666	3624.99	15.82	17.20	1.374	-	-	0.11	0.039	0.054
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4+8	DSI 7	641666	3624.99	15.70	17.20	1.413	-	-	0.11	0.031	0.044
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4+5	DSI 7	641666	3624.99	12.66	14.20	1.426	-	-	-0.03	0.220	0.314
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 4+5	DSI 7	641666	3624.99	12.57	14.20	1.455	-	-	0.12	0.210	0.306
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4+5	DSI 7	641666	3624.99	12.66	14.20	1.426	-	-	0.19	0.208	0.297

	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 4+5	DSI 7	641666	3624.99	12.57	14.20	1.455	-	-	-0.09	0.193	0.281
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 4+5	DSI 7	641666	3624.99	12.66	14.20	1.426	-	-	-0.12	0.647	0.922
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 4+5	DSI 7	638000	3570	12.41	14.20	1.511	-	-	0.13	0.606	0.916
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 4+5	DSI 7	645332	3679.98	12.46	14.20	1.493	-	-	-0.03	0.611	0.912
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Side	5mm	Ant 4+5	DSI 7	641666	3624.99	12.57	14.20	1.455	-	-	0.07	0.582	0.847
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Side	5mm	Ant 4+5	DSI 7	638000	3570	12.44	14.20	1.499	-	-	0.09	0.520	0.780
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Side	5mm	Ant 4+5	DSI 7	645332	3679.98	12.49	14.20	1.484	-	-	0.06	0.539	0.800
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Left Side	5mm	Ant 4+5	DSI 7	641666	3624.99	12.56	14.20	1.459	-	-	-0.04	0.560	0.817
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 4+5	DSI 7	641666	3624.99	12.66	14.20	1.426	-	-	-0.18	0.037	0.053
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	5mm	Ant 4+5	DSI 7	641666	3624.99	12.57	14.20	1.455	-	-	-0.06	0.034	0.049
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 4+5	DSI 7	641666	3624.99	12.66	14.20	1.426	-	-	0.07	0.892	1.272
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 4+5	DSI 7	638000	3570	12.41	14.20	1.511	-	-	0.17	0.836	1.263
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 4+5	DSI 7	645332	3679.98	12.46	14.20	1.493	-	-	0.06	0.829	1.237
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	5mm	Ant 4+5	DSI 7	641666	3624.99	12.57	14.20	1.455	-	-	-0.15	0.834	1.214
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	5mm	Ant 4+5	DSI 7	638000	3570	12.44	14.20	1.499	-	-	0.01	0.792	1.187
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	5mm	Ant 4+5	DSI 7	645332	3679.98	12.49	14.20	1.484	-	-	-0.11	0.776	1.152
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Top Side	5mm	Ant 4+5	DSI 7	641666	3624.99	12.56	14.20	1.459	-	-	0.03	0.756	1.103
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4+5	DSI 7	641666	3624.99	12.66	14.20	1.426	-	-	-0.15	0.015	0.021
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4+5	DSI 7	641666	3624.99	12.57	14.20	1.455	-	-	-0.08	0.012	0.017
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3+8	DSI 7	641666	3624.99	16.41	17.80	1.377	-	-	0.09	0.662	0.912
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3+8	DSI 7	638000	3570	16.11	17.80	1.477	-	-	-0.16	0.608	0.898
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3+8	DSI 7	645332	3679.98	16.21	17.80	1.441	-	-	-0.02	0.575	0.829
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 3+8	DSI 7	641666	3624.99	16.37	17.80	1.390	-	-	-0.02	0.589	0.819
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 3+8	DSI 7	638000	3570	16.11	17.80	1.475	-	-	0.08	0.510	0.752
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 3+8	DSI 7	645332	3679.98	16.26	17.80	1.426	-	-	-0.03	0.552	0.787
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Front	5mm	Ant 3+8	DSI 7	641666	3624.99	16.25	17.80	1.428	-	-	-0.04	0.543	0.775
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3+8	DSI 7	641666	3624.99	16.41	17.80	1.377	-	-	0.15	0.773	1.065
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3+8	DSI 7	638000	3570	16.11	17.80	1.477	-	-	0.17	0.701	1.035
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3+8	DSI 7	645332	3679.98	16.21	17.80	1.441	-	-	0.18	0.685	0.987
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 3+8	DSI 7	641666	3624.99	16.37	17.80	1.390	-	-	-0.08	0.674	0.937
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 3+8	DSI 7	638000	3570	16.11	17.80	1.475	-	-	0.03	0.623	0.919
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 3+8	DSI 7	645332	3679.98	16.26	17.80	1.426	-	-	0.01	0.645	0.920
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Back	5mm	Ant 3+8	DSI 7	641666	3624.99	16.25	17.80	1.428	-	-	0.04	0.616	0.880
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 3+8	DSI 7	641666	3624.99	16.41	17.80	1.377	-	-	0.06	0.155	0.213
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Side	5mm	Ant 3+8	DSI 7	641666	3624.99	16.37	17.80	1.390	-	-	0.15	0.134	0.186
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 3+8	DSI 7	641666	3624.99	16.41	17.80	1.377	-	-	-0.08	0.931	1.282
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 3+8	DSI 7	638000	3570	16.11	17.80	1.477	-	-	-0.16	0.865	1.277
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 3+8	DSI 7	645332	3679.98	16.21	17.80	1.441	-	-	-0.12	0.846	1.219
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	5mm	Ant 3+8	DSI 7	641666	3624.99	16.37	17.80	1.390	-	-	-0.05	0.762	1.059
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	5mm	Ant 3+8	DSI 7	638000	3570	16.11	17.80	1.475	-	-	-0.08	0.722	1.065
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	5mm	Ant 3+8	DSI 7	645332	3679.98	16.26	17.80	1.426	-	-	-0.18	0.745	1.062
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Right Side	5mm	Ant 3+8	DSI 7	641666	3624.99	16.25	17.80	1.428	-	-	-0.13	0.736	1.051
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 3+8	DSI 7	641666	3624.99	16.41	17.80	1.377	-	-	-0.18	0.385	0.530
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	5mm	Ant 3+8	DSI 7	641666	3624.99	16.37	17.80	1.390	-	-	-0.08	0.341	0.474
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3+8	DSI 7	641666	3624.99	16.41	17.80	1.377	-	-	0.18	0.037	0.051
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3+8	DSI 7	641666	3624.99	16.37	17.80	1.390	-	-	0.1	0.025	0.035
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3+5	DSI 7	641666	3624.99	14.72	16.20	1.406	-	-	0.02	0.472	0.664
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 3+5	DSI 7	641666	3624.99	14.69	16.20	1.416	-	-	0.02	0.434	0.614
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3+5	DSI 7	641666	3624.99	14.72	16.20	1.406	-	-	0.11	0.466	0.655
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 3+5	DSI 7	641666	3624.99	14.69	16.20	1.416	-	-	-0.17	0.431	0.610
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 3+5	DSI 7	641666	3624.99	14.72	16.20	1.406	-	-	-0.04	0.105	0.148
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Side	5mm	Ant 3+5	DSI 7	641666	3624.99	14.69	16.20	1.416	-	-	-0.17	0.095	0.135
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 3+5	DSI 7	641666	3624.99	14.72	16.20	1.406	-	-	-0.07	0.084	0.118
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	5mm	Ant 3+5	DSI 7	641666	3624.99	14.69	16.20	1.416	-	-	0.04	0.076	0.108
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 3+5	DSI 7	641666	3624.99	14.72	16.20	1.406	-	-	0.01	0.908	1.277
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 3+5	DSI 7	638000	3570	14.56	16.20	1.460	-	-	0.17	0.845	1.234

	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 3+5	DSI 7	645332	3679.98	14.64	16.20	1.432	-	-	-0.06	0.861	1.233
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	5mm	Ant 3+5	DSI 7	641666	3624.99	14.69	16.20	1.416	-	-	0.04	0.811	1.148
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	5mm	Ant 3+5	DSI 7	638000	3570	14.51	16.20	1.477	-	-	0.07	0.754	1.114
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	5mm	Ant 3+5	DSI 7	645332	3679.98	14.59	16.20	1.449	-	-	0.11	0.738	1.069
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Top Side	5mm	Ant 3+5	DSI 7	641666	3624.99	14.66	16.20	1.427	-	-	0.06	0.721	1.029
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3+5	DSI 7	641666	3624.99	14.72	16.20	1.406	-	-	-0.06	0.038	0.053
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3+5	DSI 7	641666	3624.99	14.69	16.20	1.416	-	-	0.16	0.034	0.048
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 2+3	DSI 7	349000	1745	20.43	21.90	1.403	-	-	-0.18	0.470	0.659
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Front	5mm	Ant 2+3	DSI 7	349000	1745	20.33	21.90	1.435	-	-	0.11	0.410	0.589
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 2+3	DSI 7	349000	1745	20.43	21.90	1.403	-	-	-0.01	0.441	0.619
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Back	5mm	Ant 2+3	DSI 7	349000	1745	20.33	21.90	1.435	-	-	-0.11	0.415	0.596
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 2+3	DSI 7	349000	1745	20.43	21.90	1.403	-	-	0.04	0.555	0.779
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Left Side	5mm	Ant 2+3	DSI 7	349000	1745	20.33	21.90	1.435	-	-	0.16	0.534	0.767
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 2+3	DSI 7	349000	1745	20.43	21.90	1.403	-	-	0.17	0.140	0.196
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Right Side	5mm	Ant 2+3	DSI 7	349000	1745	20.33	21.90	1.435	-	-	0.06	0.123	0.177
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Top Side	5mm	Ant 2+3	DSI 7	349000	1745	20.43	21.90	1.403	-	-	-0.18	0.907	1.272
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Top Side	5mm	Ant 2+3	DSI 7	349000	1745	20.33	21.90	1.435	-	-	0.06	0.767	1.101
	FR1 n66	45M	QPSK	240	0	DFT-SCS-15KHz	Top Side	5mm	Ant 2+3	DSI 7	349000	1745	20.29	21.90	1.448	-	-	0.06	0.755	1.093
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 2+3	DSI 7	349000	1745	20.43	21.90	1.403	-	-	0.18	0.042	0.059
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Bottom Side	5mm	Ant 2+3	DSI 7	349000	1745	20.33	21.90	1.435	-	-	-0.19	0.034	0.049
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0+1	DSI 7	349000	1745	21.85	23.30	1.396	-	-	-0.07	0.289	0.404
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Front	5mm	Ant 0+1	DSI 7	349000	1745	21.77	23.30	1.422	-	-	-0.03	0.211	0.300
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0+1	DSI 7	349000	1745	21.85	23.30	1.396	-	-	-0.16	0.278	0.388
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Back	5mm	Ant 0+1	DSI 7	349000	1745	21.77	23.30	1.422	-	-	0.09	0.234	0.333
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 0+1	DSI 7	349000	1745	21.85	23.30	1.396	-	-	-0.02	0.901	1.258
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Left Side	5mm	Ant 0+1	DSI 7	349000	1745	21.77	23.30	1.422	-	-	-0.07	0.767	1.091
	FR1 n66	45M	QPSK	240	0	DFT-SCS-15KHz	Left Side	5mm	Ant 0+1	DSI 7	349000	1745	21.71	23.30	1.444	-	-	0.06	0.745	1.075
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 0+1	DSI 7	349000	1745	21.85	23.30	1.396	-	-	-0.16	0.131	0.183
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Right Side	5mm	Ant 0+1	DSI 7	349000	1745	21.77	23.30	1.422	-	-	-0.03	0.089	0.127
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Top Side	5mm	Ant 0+1	DSI 7	349000	1745	21.85	23.30	1.396	-	-	0.03	0.011	0.015
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Top Side	5mm	Ant 0+1	DSI 7	349000	1745	21.77	23.30	1.422	-	-	0.1	0.007	0.010
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0+1	DSI 7	349000	1745	21.85	23.30	1.396	-	-	0.03	0.291	0.406
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0+1	DSI 7	349000	1745	21.77	23.30	1.422	-	-	0.06	0.234	0.333
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4+8	DSI 7	656000	3840	19.13	20.60	1.403	50	1.000	-0.1	0.607	0.852
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 4+8	DSI 7	656000	3840	19.06	20.60	1.426	50	1.000	0.17	0.567	0.808
	FR1 n77 Part 27O	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 4+8	DSI 7	656000	3840	19.06	20.60	1.426	50	1.000	0.03	0.548	0.781
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4+8	DSI 7	656000	3840	19.13	20.60	1.403	50	1.000	0.12	0.541	0.759
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 4+8	DSI 7	656000	3840	19.06	20.60	1.426	50	1.000	-0.11	0.498	0.710
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 4+8	DSI 7	656000	3840	19.13	20.60	1.403	50	1.000	-0.12	0.902	1.265
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 4+8	DSI 7	656000	3840	19.06	20.60	1.426	50	1.000	-0.1	0.834	1.189
	FR1 n77 Part 27O	100M	QPSK	270	0	DFT-SCS-30KHz	Left Side	5mm	Ant 4+8	DSI 7	656000	3840	19.06	20.60	1.426	50	1.000	0.05	0.816	1.163
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 4+8	DSI 7	656000	3840	19.13	20.60	1.403	50	1.000	0.16	0.786	1.103
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 4+8	DSI 7	656000	3840	19.06	20.60	1.426	50	1.000	-0.09	0.745	1.062
	FR1 n77 Part 27O	100M	QPSK	270	0	DFT-SCS-30KHz	Right Side	5mm	Ant 4+8	DSI 7	656000	3840	19.06	20.60	1.426	50	1.000	-0.14	0.728	1.038
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 4+8	DSI 7	656000	3840	19.13	20.60	1.403	50	1.000	-0.09	0.418	0.586
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 4+8	DSI 7	656000	3840	19.06	20.60	1.426	50	1.000	0.08	0.356	0.508
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4+8	DSI 7	656000	3840	19.13	20.60	1.403	50	1.000	0.06	0.066	0.093
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4+8	DSI 7	656000	3840	19.06	20.60	1.426	50	1.000	0.1	0.045	0.064
	FR1 n77 Part 27O PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 4+8	DSI 7	656000	3840	22.13	23.60	1.404	25	1.000	0.1	0.901	1.265
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4+5	DSI 7	656000	3840	18.93	19.70	1.194	50	1.000	-0.17	0.613	0.732
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 4+5	DSI 7	656000	3840	18.90	19.70	1.202	50	1.000	0.05	0.589	0.708
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4+5	DSI 7	656000	3840	18.93	19.70	1.194	50	1.000	0.13	0.510	0.609
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 4+5	DSI 7	656000	3840	18.90	19.70	1.202	50	1.000	0.05	0.456	0.548
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 4+5	DSI 7	656000	3840	18.93	19.70	1.194	50	1.000	-0.03	0.870	1.039
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 4+5	DSI 7	656000	3840	18.90	19.70	1.202	50	1.000	-0.12	0.798	0.959
	FR1 n77 Part 27O	100M	QPSK	270	0	DFT-SCS-30KHz	Left Side	5mm	Ant 4+5	DSI 7	656000	3840	18.86	19.70	1.214	50	1.000	-0.03	0.768	0.932

	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 4+5	DSI 7	656000	3840	18.93	19.70	1.194	50	1.000	-0.05	0.094	0.112
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 4+5	DSI 7	656000	3840	18.90	19.70	1.202	50	1.000	0.18	0.089	0.107
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 4+5	DSI 7	656000	3840	18.93	19.70	1.194	50	1.000	0.1	1.060	1.266
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 4+5	DSI 7	656000	3840	18.90	19.70	1.202	50	1.000	-0.05	0.945	1.136
	FR1 n77 Part 27O	100M	QPSK	270	0	DFT-SCS-30KHz	Top Side	5mm	Ant 4+5	DSI 7	656000	3840	18.86	19.70	1.214	50	1.000	0.09	0.924	1.122
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4+5	DSI 7	656000	3840	18.93	19.70	1.194	50	1.000	-0.01	0.036	0.043
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4+5	DSI 7	656000	3840	18.90	19.70	1.202	50	1.000	0.02	0.031	0.037
	FR1 n77 Part 27O PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 4+5	DSI 7	656000	3840	21.85	22.70	1.215	25	1.000	0.1	1.030	1.252
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3+8	DSI 7	656000	3840	19.21	20.60	1.377	50	1.000	-0.02	0.561	0.773
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 3+8	DSI 7	656000	3840	19.13	20.60	1.403	50	1.000	0.08	0.456	0.640
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3+8	DSI 7	656000	3840	19.21	20.60	1.377	50	1.000	-0.07	0.651	0.897
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 3+8	DSI 7	656000	3840	19.13	20.60	1.403	50	1.000	-0.12	0.611	0.857
	FR1 n77 Part 27O	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 3+8	DSI 7	656000	3840	19.09	20.60	1.415	50	1.000	-0.07	0.601	0.851
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 3+8	DSI 7	656000	3840	19.21	20.60	1.377	50	1.000	-0.08	0.176	0.242
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 3+8	DSI 7	656000	3840	19.13	20.60	1.403	50	1.000	-0.16	0.145	0.203
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 3+8	DSI 7	656000	3840	19.21	20.60	1.377	50	1.000	0.18	0.903	1.244
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 3+8	DSI 7	656000	3840	19.13	20.60	1.403	50	1.000	-0.08	0.732	1.027
	FR1 n77 Part 27O	100M	QPSK	270	0	DFT-SCS-30KHz	Right Side	5mm	Ant 3+8	DSI 7	656000	3840	19.09	20.60	1.415	50	1.000	0.1	0.711	1.006
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 3+8	DSI 7	656000	3840	19.21	20.60	1.377	50	1.000	0.04	0.508	0.700
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 3+8	DSI 7	656000	3840	19.13	20.60	1.403	50	1.000	-0.07	0.478	0.671
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3+8	DSI 7	656000	3840	19.21	20.60	1.377	50	1.000	0.13	0.075	0.103
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3+8	DSI 7	656000	3840	19.13	20.60	1.403	50	1.000	-0.07	0.071	0.100
	FR1 n77 Part 27O PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 3+8	DSI 7	656000	3840	22.06	23.60	1.427	25	1.000	-0.17	0.865	1.234
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4+8	DSI 7	633334	3500.01	19.11	20.60	1.409	50	1.000	0.05	0.541	0.762
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 4+8	DSI 7	633334	3500.01	19.07	20.60	1.422	50	1.000	0.18	0.505	0.718
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4+8	DSI 7	633334	3500.01	19.11	20.60	1.409	50	1.000	0.12	0.482	0.679
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 4+8	DSI 7	633334	3500.01	19.07	20.60	1.422	50	1.000	0.02	0.444	0.632
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 4+8	DSI 7	633334	3500.01	19.11	20.60	1.409	50	1.000	0.04	0.906	1.277
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 4+8	DSI 7	633334	3500.01	19.07	20.60	1.422	50	1.000	-0.12	0.743	1.057
	FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Left Side	5mm	Ant 4+8	DSI 7	633334	3500.01	19.03	20.60	1.435	50	1.000	0.03	0.728	1.045
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 4+8	DSI 7	633334	3500.01	19.11	20.60	1.409	50	1.000	0.15	0.701	0.988
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 4+8	DSI 7	633334	3500.01	19.07	20.60	1.422	50	1.000	-0.07	0.664	0.944
	FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Right Side	5mm	Ant 4+8	DSI 7	633334	3500.01	19.03	20.60	1.435	50	1.000	-0.01	0.639	0.917
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 4+8	DSI 7	633334	3500.01	19.11	20.60	1.409	50	1.000	0.04	0.373	0.526
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 4+8	DSI 7	633334	3500.01	19.07	20.60	1.422	50	1.000	0.04	0.317	0.451
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4+8	DSI 7	633334	3500.01	19.11	20.60	1.409	50	1.000	0.1	0.059	0.083
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4+8	DSI 7	633334	3500.01	19.07	20.60	1.422	50	1.000	0.08	0.040	0.057
	FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 4+8	DSI 7	633334	3500.01	22.24	23.60	1.367	25	1.000	-0.03	0.865	1.183
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4+5	DSI 7	633334	3500.01	18.99	19.70	1.178	50	1.000	-0.18	0.529	0.623
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 4+5	DSI 7	633334	3500.01	18.93	19.70	1.194	50	1.000	-0.05	0.508	0.607
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4+5	DSI 7	633334	3500.01	18.99	19.70	1.178	50	1.000	-0.14	0.440	0.518
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 4+5	DSI 7	633334	3500.01	18.93	19.70	1.194	50	1.000	0.06	0.394	0.470
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 4+5	DSI 7	633334	3500.01	18.99	19.70	1.178	50	1.000	-0.13	0.751	0.884
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 4+5	DSI 7	633334	3500.01	18.93	19.70	1.194	50	1.000	-0.11	0.689	0.823
	FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Left Side	5mm	Ant 4+5	DSI 7	633334	3500.01	18.86	19.70	1.214	50	1.000	0.1	0.663	0.805
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 4+5	DSI 7	633334	3500.01	18.99	19.70	1.178	50	1.000	-0.05	0.081	0.095
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 4+5	DSI 7	633334	3500.01	18.93	19.70	1.194	50	1.000	-0.15	0.077	0.092
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 4+5	DSI 7	633334	3500.01	18.99	19.70	1.178	50	1.000	0.04	0.915	1.078
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 4+5	DSI 7	633334	3500.01	18.93	19.70	1.194	50	1.000	0.08	0.816	0.974
	FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Top Side	5mm	Ant 4+5	DSI 7	633334	3500.01	18.86	19.70	1.214	50	1.000	0.12	0.795	0.965
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4+5	DSI 7	633334	3500.01	18.99	19.70	1.178	50	1.000	-0.02	0.031	0.037
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4+5	DSI 7	633334	3500.01	18.93	19.70	1.194	50	1.000	-0.03	0.027	0.032
	FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 4+5	DSI 7	633334	3500.01	21.94	22.70	1.190	25	1.000	-0.05	0.865	1.029
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3+8	DSI 7	633334	3500.01	19.10	20.60	1.413	50	1.000	-0.11	0.491	0.694
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 3+8	DSI 7	633334	3500.01	19.06	20.60	1.426	50	1.000	-0.01	0.399	0.569

	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3+8	DSI 7	633334	3500.01	19.10	20.60	1.413	50	1.000	0.14	0.557	0.787
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 3+8	DSI 7	633334	3500.01	19.06	20.60	1.426	50	1.000	0.12	0.535	0.763
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 3+8	DSI 7	633334	3500.01	19.10	20.60	1.413	50	1.000	-0.03	0.154	0.218
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 3+8	DSI 7	633334	3500.01	19.06	20.60	1.426	50	1.000	-0.01	0.127	0.181
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 3+8	DSI 7	633334	3500.01	19.10	20.60	1.413	50	1.000	-0.06	0.905	1.278
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 3+8	DSI 7	633334	3500.01	19.06	20.60	1.426	50	1.000	-0.1	0.740	1.055
	FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Right Side	5mm	Ant 3+8	DSI 7	633334	3500.01	19.00	20.60	1.447	50	1.000	-0.05	0.719	1.040
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 3+8	DSI 7	633334	3500.01	19.10	20.60	1.413	50	1.000	0.12	0.444	0.627
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 3+8	DSI 7	633334	3500.01	19.06	20.60	1.426	50	1.000	0.02	0.418	0.596
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3+8	DSI 7	633334	3500.01	19.10	20.60	1.413	50	1.000	0.01	0.066	0.093
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3+8	DSI 7	633334	3500.01	19.06	20.60	1.426	50	1.000	0.05	0.062	0.088
	FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 3+8	DSI 7	633334	3500.01	22.04	23.60	1.432	25	1.000	0.14	0.871	1.247

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
2450MHz																
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 7+6(6)	Hotspot	6	2437	14.22	15.50	1.343	97.06	1.030	-0.05	0.539	0.745
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 7+6(6)	Hotspot	6	2437	14.22	15.50	1.343	97.06	1.030	-0.17	0.493	0.682
	WLAN2.4GHz	802.11b 1Mbps	Left Side	5mm	Ant 7+6(6)	Hotspot	6	2437	14.22	15.50	1.343	97.06	1.030	-0.08	0.049	0.068
	WLAN2.4GHz	802.11b 1Mbps	Right Side	5mm	Ant 7+6(6)	Hotspot	6	2437	14.22	15.50	1.343	97.06	1.030	0.05	0.936	1.295
	WLAN2.4GHz	802.11b 1Mbps	Right Side	5mm	Ant 7+6(6)	Hotspot	1	2412	14.11	15.50	1.377	97.06	1.030	0.06	0.899	1.275
60	WLAN2.4GHz	802.11b 1Mbps	Right Side	5mm	Ant 7+6(7)	Hotspot	11	2462	13.61	15.00	1.377	97.06	1.030	-0.03	**0.991**	**1.406**
	WLAN2.4GHz	802.11b 1Mbps	Top Side	5mm	Ant 7+6(6)	Hotspot	6	2437	14.22	15.50	1.343	97.06	1.030	-0.09	0.565	0.781
	WLAN2.4GHz	802.11n-HT40 MCS0	Right Side	5mm	Ant 7+6(6)	Hotspot	9	2452	13.96	15.50	1.426	99.63	1.004	0.03	0.833	1.192
	Bluetooth	1Mbps	Front	5mm	Ant 6	Full power	39	2441	18.30	18.50	1.047	77.07	1.081	0.07	0.338	0.383
	Bluetooth	1Mbps	Back	5mm	Ant 6	Full power	39	2441	18.30	18.50	1.047	77.07	1.081	-0.18	0.356	0.403
	Bluetooth	1Mbps	Left Side	5mm	Ant 6	Full power	39	2441	18.30	18.50	1.047	77.07	1.081	0.03	0.091	0.103
	Bluetooth	1Mbps	Right Side	5mm	Ant 6	Full power	39	2441	18.30	18.50	1.047	77.07	1.081	-0.15	0.093	0.105
	Bluetooth	1Mbps	Top Side	5mm	Ant 6	Full power	39	2441	18.30	18.50	1.047	77.07	1.081	0.02	0.567	0.642
	Bluetooth	1Mbps	Front	5mm	Ant 7	Hotspot	39	2441	13.47	14.50	1.268	77.07	1.081	0.11	0.429	0.588
	Bluetooth	1Mbps	Back	5mm	Ant 7	Hotspot	39	2441	13.47	14.50	1.268	77.07	1.081	-0.08	0.451	0.618
	Bluetooth	1Mbps	Left Side	5mm	Ant 7	Hotspot	39	2441	13.47	14.50	1.268	77.07	1.081	-0.17	0.046	0.063
	Bluetooth	1Mbps	Right Side	5mm	Ant 7	Hotspot	39	2441	13.47	14.50	1.268	77.07	1.081	-0.08	0.730	1.000
	Bluetooth	1Mbps	Right Side	5mm	Ant 7	Hotspot	78	2480	13.41	14.50	1.285	77.07	1.081	0.01	0.814	1.131
	Bluetooth	1Mbps	Top Side	5mm	Ant 7	Hotspot	39	2441	13.47	14.50	1.268	77.07	1.081	-0.04	0.074	0.101
5000MHz																
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 7+5(7)	Hotspot	42	5210	16.96	18.00	1.271	99.63	1.004	0.17	0.328	0.418
61	WLAN5.2GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 7+5(7)	Hotspot	42	5210	16.96	18.00	1.271	99.63	1.004	-0.07	0.902	**1.151**
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Left Side	5mm	Ant 7+5(7)	Hotspot	42	5210	16.96	18.00	1.271	99.63	1.004	-0.08	0.044	0.056
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Right Side	5mm	Ant 7+5(7)	Hotspot	42	5210	16.96	18.00	1.271	99.63	1.004	-0.13	0.813	1.037
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Top Side	5mm	Ant 7+5(7)	Hotspot	42	5210	16.96	18.00	1.271	99.63	1.004	0.06	0.379	0.483
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 7+5(5)	Hotspot	155	5775	16.44	17.50	1.276	99.63	1.004	0.02	0.628	0.805
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 7+5(5)	Hotspot	155	5775	16.44	17.50	1.276	99.63	1.004	-0.18	0.868	1.112
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Left Side	5mm	Ant 7+5(5)	Hotspot	155	5775	16.44	17.50	1.276	99.63	1.004	0.02	0.052	0.067
62	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Side	5mm	Ant 7+5(5)	Hotspot	155	5775	16.44	17.50	1.276	99.63	1.004	-0.02	0.899	**1.152**
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Top Side	5mm	Ant 7+5(5)	Hotspot	155	5775	16.44	17.50	1.276	99.63	1.004	0.01	0.454	0.582

<Flip Close>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
750MHz																				
	LTE Band 71	20M	QPSK	1	0	-	Front	5mm	Ant 0	DSI 11	133322	683	22.65	24.00	1.365	-	-	-0.17	0.055	0.075
	LTE Band 71	20M	QPSK	50	0	-	Front	5mm	Ant 0	DSI 11	133322	683	21.68	23.00	1.355	-	-	-0.1	0.025	0.034
	LTE Band 71	20M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 11	133322	683	22.65	24.00	1.365	-	-	-0.07	0.434	0.592
	LTE Band 71	20M	QPSK	50	0	-	Back	5mm	Ant 0	DSI 11	133322	683	21.68	23.00	1.355	-	-	0.18	0.249	0.337
	LTE Band 71	20M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 11	133322	683	22.65	24.00	1.365	-	-	0.13	0.404	0.551
	LTE Band 71	20M	QPSK	50	0	-	Right Side	5mm	Ant 0	DSI 11	133322	683	21.68	23.00	1.355	-	-	0.12	0.233	0.316
	LTE Band 71	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 11	133322	683	22.65	24.00	1.365	-	-	0.07	0.238	0.325
	LTE Band 71	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 0	DSI 11	133322	683	21.68	23.00	1.355	-	-	0.08	0.145	0.197
	LTE Band 71_Other Path	20M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 11	133322	683	22.65	24.00	1.365	-	-	0.06	0.425	0.580
	LTE Band 71	20M	QPSK	1	0	-	Front	5mm	Ant 1	DSI 11	133322	683	22.61	24.00	1.377	-	-	-0.17	0.042	0.058
	LTE Band 71	20M	QPSK	50	0	-	Front	5mm	Ant 1	DSI 11	133322	683	21.66	23.00	1.361	-	-	-0.04	0.036	0.049
	LTE Band 71	20M	QPSK	1	0	-	Back	5mm	Ant 1	DSI 11	133322	683	22.61	24.00	1.377	-	-	0.09	0.328	0.452
	LTE Band 71	20M	QPSK	50	0	-	Back	5mm	Ant 1	DSI 11	133322	683	21.66	23.00	1.361	-	-	-0.05	0.177	0.241
	LTE Band 71	20M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 11	133322	683	22.61	24.00	1.377	-	-	-0.03	0.193	0.266
	LTE Band 71	20M	QPSK	50	0	-	Left Side	5mm	Ant 1	DSI 11	133322	683	21.66	23.00	1.361	-	-	0.07	0.132	0.180
	LTE Band 71	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 1	DSI 11	133322	683	22.61	24.00	1.377	-	-	0.02	0.211	0.291
	LTE Band 71	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 1	DSI 11	133322	683	21.66	23.00	1.361	-	-	-0.03	0.115	0.157
	LTE Band 71_Other Path	20M	QPSK	1	0	-	Back	5mm	Ant 1	DSI 11	133322	683	22.61	24.00	1.377	-	-	0.06	0.319	0.439
	LTE Band 12	10M	QPSK	1	0	-	Front	5mm	Ant 0	DSI 11	23095	707.5	22.96	24.00	1.271	-	-	0.17	0.051	0.065
	LTE Band 12	10M	QPSK	25	0	-	Front	5mm	Ant 0	DSI 11	23095	707.5	21.96	23.00	1.271	-	-	-0.13	0.035	0.044
	LTE Band 12	10M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 11	23095	707.5	22.96	24.00	1.271	-	-	-0.04	0.439	0.558
	LTE Band 12	10M	QPSK	25	0	-	Back	5mm	Ant 0	DSI 11	23095	707.5	21.96	23.00	1.271	-	-	-0.01	0.203	0.258
	LTE Band 12	10M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 11	23095	707.5	22.96	24.00	1.271	-	-	-0.08	0.387	0.492
	LTE Band 12	10M	QPSK	25	0	-	Right Side	5mm	Ant 0	DSI 11	23095	707.5	21.96	23.00	1.271	-	-	-0.08	0.228	0.290
	LTE Band 12	10M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 11	23095	707.5	22.96	24.00	1.271	-	-	0.1	0.226	0.287
	LTE Band 12	10M	QPSK	25	0	-	Bottom Side	5mm	Ant 0	DSI 11	23095	707.5	21.96	23.00	1.271	-	-	-0.18	0.107	0.136
	LTE Band 12_Other Path	10M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 11	23095	707.5	22.96	24.00	1.271	-	-	0.06	0.422	0.536
	LTE Band 12	10M	QPSK	1	0	-	Front	5mm	Ant 1	DSI 11	23095	707.5	22.92	24.00	1.282	-	-	-0.09	0.061	0.078
	LTE Band 12	10M	QPSK	25	0	-	Front	5mm	Ant 1	DSI 11	23095	707.5	21.92	23.00	1.282	-	-	0.05	0.035	0.045
	LTE Band 12	10M	QPSK	1	0	-	Back	5mm	Ant 1	DSI 11	23095	707.5	22.92	24.00	1.282	-	-	-0.07	0.431	0.553
	LTE Band 12	10M	QPSK	25	0	-	Back	5mm	Ant 1	DSI 11	23095	707.5	21.92	23.00	1.282	-	-	0.02	0.228	0.292
	LTE Band 12	10M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 11	23095	707.5	22.92	24.00	1.282	-	-	-0.03	0.269	0.345
	LTE Band 12	10M	QPSK	25	0	-	Left Side	5mm	Ant 1	DSI 11	23095	707.5	21.92	23.00	1.282	-	-	0.14	0.179	0.230
	LTE Band 12	10M	QPSK	1	0	-	Bottom Side	5mm	Ant 1	DSI 11	23095	707.5	22.92	24.00	1.282	-	-	0.11	0.262	0.336
	LTE Band 12	10M	QPSK	25	0	-	Bottom Side	5mm	Ant 1	DSI 11	23095	707.5	21.92	23.00	1.282	-	-	-0.05	0.148	0.190
	LTE Band 12_Other Path	10M	QPSK	1	0	-	Back	5mm	Ant 1	DSI 11	23095	707.5	22.92	24.00	1.282	-	-	0.05	0.419	0.537
	LTE Band 13	10M	QPSK	1	0	-	Front	5mm	Ant 0	DSI 11	23230	782	22.07	23.00	1.239	-	-	0.06	0.063	0.078
	LTE Band 13	10M	QPSK	25	0	-	Front	5mm	Ant 0	DSI 11	23230	782	21.06	22.00	1.242	-	-	-0.15	0.036	0.045
	LTE Band 13	10M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 11	23230	782	22.07	23.00	1.239	-	-	-0.01	0.478	0.592
	LTE Band 13	10M	QPSK	25	0	-	Back	5mm	Ant 0	DSI 11	23230	782	21.06	22.00	1.242	-	-	-0.04	0.250	0.310
	LTE Band 13	10M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 11	23230	782	22.07	23.00	1.239	-	-	0.17	0.430	0.533
	LTE Band 13	10M	QPSK	25	0	-	Right Side	5mm	Ant 0	DSI 11	23230	782	21.06	22.00	1.242	-	-	-0.05	0.322	0.400
	LTE Band 13	10M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 11	23230	782	22.07	23.00	1.239	-	-	0.01	0.234	0.290
	LTE Band 13	10M	QPSK	25	0	-	Bottom Side	5mm	Ant 0	DSI 11	23230	782	21.06	22.00	1.242	-	-	0.1	0.142	0.176
	LTE Band 13_Other Path	10M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 11	23230	782	22.07	23.00	1.239	-	-	0.09	0.462	0.572
	LTE Band 13	10M	QPSK	1	0	-	Front	5mm	Ant 1	DSI 11	23230	782	22.28	23.00	1.180	-	-	0.11	0.083	0.098
	LTE Band 13	10M	QPSK	25	0	-	Front	5mm	Ant 1	DSI 11	23230	782	21.34	22.00	1.164	-	-	-0.02	0.047	0.055
	LTE Band 13	10M	QPSK	1	0	-	Back	5mm	Ant 1	DSI 11	23230	782	22.28	23.00	1.180	-	-	-0.01	0.336	0.397
	LTE Band 13	10M	QPSK	25	0	-	Back	5mm	Ant 1	DSI 11	23230	782	21.34	22.00	1.164	-	-	0.1	0.194	0.226
	LTE Band 13	10M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 11	23230	782	22.28	23.00	1.180	-	-	-0.08	0.261	0.308
	LTE Band 13	10M	QPSK	25	0	-	Left Side	5mm	Ant 1	DSI 11	23230	782	21.34	22.00	1.164	-	-	0.05	0.219	0.255
	LTE Band 13	10M	QPSK	1	0	-	Bottom Side	5mm	Ant 1	DSI 11	23230	782	22.28	23.00	1.180	-	-	-0.09	0.152	0.179

	LTE Band 13	10M	QPSK	25	0	-	Bottom Side	5mm	Ant 1	DSI 11	23230	782	21.34	22.00	1.164	-	-	-0.08	0.125	0.146
	LTE Band 13_Other Path	10M	QPSK	1	0	-	Back	5mm	Ant 1	DSI 11	23230	782	22.28	23.00	1.180	-	-	0.09	0.321	0.379
	LTE Band 14	10M	QPSK	1	0	-	Front	5mm	Ant 0	DSI 11	23330	793	22.50	24.00	1.413	-	-	0.13	0.092	0.130
	LTE Band 14	10M	QPSK	25	0	-	Front	5mm	Ant 0	DSI 11	23330	793	21.55	23.00	1.396	-	-	0.12	0.076	0.106
	LTE Band 14	10M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 11	23330	793	22.50	24.00	1.413	-	-	0.03	0.560	0.791
	LTE Band 14	10M	QPSK	25	0	-	Back	5mm	Ant 0	DSI 11	23330	793	21.55	23.00	1.396	-	-	0.18	0.487	0.680
	LTE Band 14	10M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 11	23330	793	22.50	24.00	1.413	-	-	-0.05	0.631	0.891
	LTE Band 14	10M	QPSK	25	0	-	Right Side	5mm	Ant 0	DSI 11	23330	793	21.55	23.00	1.396	-	-	0.16	0.595	0.831
	LTE Band 14	10M	QPSK	50	0	-	Right Side	5mm	Ant 0	DSI 11	23330	793	21.54	23.00	1.400	-	-	0.02	0.579	0.810
	LTE Band 14	10M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 11	23330	793	22.50	24.00	1.413	-	-	-0.1	0.271	0.383
	LTE Band 14	10M	QPSK	25	0	-	Bottom Side	5mm	Ant 0	DSI 11	23330	793	21.55	23.00	1.396	-	-	0.07	0.249	0.348
	LTE Band 14_Other Path	10M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 11	23330	793	22.50	24.00	1.413	-	-	0.06	0.611	0.863
	LTE Band 14	10M	QPSK	1	0	-	Front	5mm	Ant 1	DSI 11	23330	793	22.33	23.00	1.167	-	-	0.18	0.095	0.111
	LTE Band 14	10M	QPSK	25	0	-	Front	5mm	Ant 1	DSI 11	23330	793	21.36	22.00	1.159	-	-	-0.1	0.057	0.066
	LTE Band 14	10M	QPSK	1	0	-	Back	5mm	Ant 1	DSI 11	23330	793	22.33	23.00	1.167	-	-	0.01	0.409	0.477
	LTE Band 14	10M	QPSK	25	0	-	Back	5mm	Ant 1	DSI 11	23330	793	21.36	22.00	1.159	-	-	-0.15	0.220	0.255
	LTE Band 14	10M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 11	23330	793	22.33	23.00	1.167	-	-	-0.14	0.450	0.525
	LTE Band 14	10M	QPSK	25	0	-	Left Side	5mm	Ant 1	DSI 11	23330	793	21.36	22.00	1.159	-	-	0.19	0.219	0.254
	LTE Band 14	10M	QPSK	1	0	-	Bottom Side	5mm	Ant 1	DSI 11	23330	793	22.33	23.00	1.167	-	-	0.07	0.227	0.265
	LTE Band 14	10M	QPSK	25	0	-	Bottom Side	5mm	Ant 1	DSI 11	23330	793	21.36	22.00	1.159	-	-	-0.18	0.128	0.148
	LTE Band 14_Other Path	10M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 11	23330	793	22.33	23.00	1.167	-	-	0.06	0.419	0.489
	FR1 n71	35M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0	DSI 11	136100	680.5	23.44	24.00	1.138	-	-	-0.1	0.042	0.048
	FR1 n71	35M	QPSK	90	45	DFT-SCS-15KHz	Front	5mm	Ant 0	DSI 11	136100	680.5	23.26	24.00	1.186	-	-	0.01	0.060	0.071
	FR1 n71	35M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 11	136100	680.5	23.44	24.00	1.138	-	-	-0.15	0.270	0.307
	FR1 n71	35M	QPSK	90	45	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 11	136100	680.5	23.26	24.00	1.186	-	-	0.05	0.367	0.435
	FR1 n71	35M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 0	DSI 11	136100	680.5	23.44	24.00	1.138	-	-	-0.08	0.190	0.216
	FR1 n71	35M	QPSK	90	45	DFT-SCS-15KHz	Right Side	5mm	Ant 0	DSI 11	136100	680.5	23.26	24.00	1.186	-	-	0.17	0.258	0.306
	FR1 n71	35M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0	DSI 11	136100	680.5	23.44	24.00	1.138	-	-	0.18	0.129	0.147
	FR1 n71	35M	QPSK	90	45	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0	DSI 11	136100	680.5	23.26	24.00	1.186	-	-	-0.04	0.173	0.205
	FR1 n71_Other Path	35M	QPSK	90	45	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 11	136100	680.5	23.06	24.00	1.242	-	-	-0.08	0.272	0.338
	FR1 n71	35M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 1	DSI 11	136100	680.5	22.99	24.00	1.262	-	-	0.19	0.010	0.013
	FR1 n71	35M	QPSK	90	45	DFT-SCS-15KHz	Front	5mm	Ant 1	DSI 11	136100	680.5	22.81	24.00	1.315	-	-	0.07	0.006	0.008
	FR1 n71	35M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI 11	136100	680.5	22.99	24.00	1.262	-	-	-0.11	0.298	0.376
	FR1 n71	35M	QPSK	90	45	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI 11	136100	680.5	22.81	24.00	1.315	-	-	-0.18	0.271	0.356
	FR1 n71	35M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 1	DSI 11	136100	680.5	22.99	24.00	1.262	-	-	-0.03	0.208	0.262
	FR1 n71	35M	QPSK	90	45	DFT-SCS-15KHz	Left Side	5mm	Ant 1	DSI 11	136100	680.5	22.81	24.00	1.315	-	-	-0.03	0.138	0.182
	FR1 n71	35M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 1	DSI 11	136100	680.5	22.99	24.00	1.262	-	-	0.08	0.191	0.241
	FR1 n71	35M	QPSK	90	45	DFT-SCS-15KHz	Bottom Side	5mm	Ant 1	DSI 11	136100	680.5	22.81	24.00	1.315	-	-	-0.07	0.206	0.271
	FR1 n71_Other Path	35M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI 11	136100	680.5	23.03	24.00	1.250	-	-	0.02	0.227	0.284
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0	DSI 11	141500	707.5	23.64	24.50	1.219	-	-	0.05	0.054	0.066
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Front	5mm	Ant 0	DSI 11	141500	707.5	23.60	24.50	1.230	-	-	-0.11	0.057	0.070
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 11	141500	707.5	23.64	24.50	1.219	-	-	-0.12	0.358	0.436
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 11	141500	707.5	23.60	24.50	1.230	-	-	0.12	0.377	0.464
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 0	DSI 11	141500	707.5	23.64	24.50	1.219	-	-	0.03	0.301	0.367
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Right Side	5mm	Ant 0	DSI 11	141500	707.5	23.60	24.50	1.230	-	-	-0.16	0.314	0.386
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0	DSI 11	141500	707.5	23.64	24.50	1.219	-	-	-0.02	0.176	0.215
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0	DSI 11	141500	707.5	23.60	24.50	1.230	-	-	0.15	0.199	0.245
	FR1 n12_Other Path	15M	QPSK	36	22	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 11	141500	707.5	23.76	24.50	1.186	-	-	0.08	0.341	0.404
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 1	DSI 11	141500	707.5	23.52	24.00	1.117	-	-	-0.08	0.022	0.025
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Front	5mm	Ant 1	DSI 11	141500	707.5	23.47	24.00	1.130	-	-	-0.17	0.017	0.019
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI 11	141500	707.5	23.52	24.00	1.117	-	-	0.01	0.414	0.462
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI 11	141500	707.5	23.47	24.00	1.130	-	-	-0.08	0.374	0.423
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 1	DSI 11	141500	707.5	23.52	24.00	1.117	-	-	-0.08	0.390	0.436
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Left Side	5mm	Ant 1	DSI 11	141500	707.5	23.47	24.00	1.130	-	-	0.16	0.328	0.371
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 1	DSI 11	141500	707.5	23.52	24.00	1.117	-	-	0.05	0.271	0.303
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Bottom Side	5mm	Ant 1	DSI 11	141500	707.5	23.47	24.00	1.130	-	-	0.05	0.243	0.275

	FR1 n12_Main PA	15M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI 11	141500	707.5	23.47	24.00	1.130	-	-	-0.01	0.394	0.445
	FR1 n14	10M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0	DSI 11	158600	793	23.70	24.50	1.202	-	-	-0.04	0.068	0.082
	FR1 n14	10M	QPSK	25	14	DFT-SCS-15KHz	Front	5mm	Ant 0	DSI 11	158600	793	23.61	24.50	1.227	-	-	-0.08	0.066	0.081
	FR1 n14	10M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 11	158600	793	23.70	24.50	1.202	-	-	-0.07	0.413	0.497
	FR1 n14	10M	QPSK	25	14	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 11	158600	793	23.61	24.50	1.227	-	-	0.17	0.400	0.491
	FR1 n14	10M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 0	DSI 11	158600	793	23.70	24.50	1.202	-	-	0.07	0.337	0.405
	FR1 n14	10M	QPSK	25	14	DFT-SCS-15KHz	Right Side	5mm	Ant 0	DSI 11	158600	793	23.61	24.50	1.227	-	-	0.16	0.354	0.435
	FR1 n14	10M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0	DSI 11	158600	793	23.70	24.50	1.202	-	-	0.13	0.226	0.272
	FR1 n14	10M	QPSK	25	14	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0	DSI 11	158600	793	23.61	24.50	1.227	-	-	-0.18	0.261	0.320
	FR1 n14_Other Path	10M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 11	158600	793	23.38	24.00	1.153	-	-	-0.08	0.359	0.414
	FR1 n14	10M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 1	DSI 11	158600	793	23.13	24.00	1.222	-	-	0.18	0.085	0.104
	FR1 n14	10M	QPSK	25	14	DFT-SCS-15KHz	Front	5mm	Ant 1	DSI 11	158600	793	23.09	24.00	1.233	-	-	-0.04	0.082	0.101
	FR1 n14	10M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI 11	158600	793	23.13	24.00	1.222	-	-	0.01	0.387	0.473
	FR1 n14	10M	QPSK	25	14	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI 11	158600	793	23.09	24.00	1.233	-	-	-0.08	0.339	0.418
	FR1 n14	10M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 1	DSI 11	158600	793	23.13	24.00	1.222	-	-	0.07	0.339	0.414
	FR1 n14	10M	QPSK	25	14	DFT-SCS-15KHz	Left Side	5mm	Ant 1	DSI 11	158600	793	23.09	24.00	1.233	-	-	-0.06	0.357	0.440
	FR1 n14	10M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 1	DSI 11	158600	793	23.13	24.00	1.222	-	-	0.01	0.271	0.331
	FR1 n14	10M	QPSK	25	14	DFT-SCS-15KHz	Bottom Side	5mm	Ant 1	DSI 11	158600	793	23.09	24.00	1.233	-	-	-0.01	0.220	0.271
	FR1 n14_Main PA	10M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI 11	158600	793	23.39	24.00	1.151	-	-	0.02	0.368	0.423
							835MHz													
	GSM850	-	-	-	-	GPRS (3 Tx slots)	Front	5mm	Ant 0	DSI 11	189	836.4	28.07	29.00	1.239	-	-	-0.06	0.098	0.121
	GSM850	-	-	-	-	GPRS (3 Tx slots)	Back	5mm	Ant 0	DSI 11	189	836.4	28.07	29.00	1.239	-	-	0.01	0.545	0.675
	GSM850	-	-	-	-	GPRS (3 Tx slots)	Right Side	5mm	Ant 0	DSI 11	189	836.4	28.07	29.00	1.239	-	-	0.03	0.478	0.592
	GSM850	-	-	-	-	GPRS (3 Tx slots)	Bottom Side	5mm	Ant 0	DSI 11	189	836.4	28.07	29.00	1.239	-	-	-0.15	0.273	0.338
	GSM850	-	-	-	-	GPRS (3 Tx slots)	Front	5mm	Ant 1	DSI 11	189	836.4	27.48	29.00	1.419	-	-	-0.14	0.098	0.139
	GSM850	-	-	-	-	GPRS (3 Tx slots)	Back	5mm	Ant 1	DSI 11	189	836.4	27.48	29.00	1.419	-	-	-0.11	0.416	0.590
	GSM850	-	-	-	-	GPRS (3 Tx slots)	Left Side	5mm	Ant 1	DSI 11	189	836.4	27.48	29.00	1.419	-	-	0.11	0.390	0.553
	GSM850	-	-	-	-	GPRS (3 Tx slots)	Bottom Side	5mm	Ant 1	DSI 11	189	836.4	27.48	29.00	1.419	-	-	-0.08	0.244	0.346
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 0	DSI 11	4182	836.4	23.26	24.00	1.186	-	-	0.08	0.116	0.138
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	DSI 11	4182	836.4	23.26	24.00	1.186	-	-	0.01	0.670	0.794
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Right Side	5mm	Ant 0	DSI 11	4182	836.4	23.26	24.00	1.186	-	-	-0.08	0.698	0.828
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Right Side	5mm	Ant 0	DSI 11	4132	826.4	23.23	24.00	1.194	-	-	0.1	0.728	0.869
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Right Side	5mm	Ant 0	DSI 11	4233	846.6	23.25	24.00	1.189	-	-	0.02	0.748	0.889
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Bottom Side	5mm	Ant 0	DSI 11	4182	836.4	23.26	24.00	1.186	-	-	-0.18	0.364	0.432
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 1	DSI 11	4182	836.4	23.66	24.00	1.081	-	-	0.1	0.125	0.135
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 1	DSI 11	4182	836.4	23.66	24.00	1.081	-	-	0.12	0.604	0.653
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Left Side	5mm	Ant 1	DSI 11	4182	836.4	23.66	24.00	1.081	-	-	-0.03	0.780	0.844
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Left Side	5mm	Ant 1	DSI 11	4132	826.4	23.65	24.00	1.084	-	-	0.14	0.880	0.954
63	WCDMA V	-	-	-	-	RMC 12.2Kbps	Left Side	5mm	Ant 1	DSI 11	4233	846.6	23.61	24.00	1.094	-	-	0.04	0.903	**0.988**
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Bottom Side	5mm	Ant 1	DSI 11	4182	836.4	23.66	24.00	1.081	-	-	0.11	0.315	0.341
	LTE Band 26	15M	QPSK	1	0	-	Front	5mm	Ant 0	DSI 11	26865	831.5	22.85	24.00	1.303	-	-	-0.05	0.077	0.100
	LTE Band 26	15M	QPSK	36	0	-	Front	5mm	Ant 0	DSI 11	26865	831.5	21.87	23.00	1.297	-	-	0.18	0.039	0.051
	LTE Band 26	15M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 11	26865	831.5	22.85	24.00	1.303	-	-	0.14	0.519	0.676
	LTE Band 26	15M	QPSK	36	0	-	Back	5mm	Ant 0	DSI 11	26865	831.5	21.87	23.00	1.297	-	-	-0.17	0.281	0.365
64	LTE Band 26	15M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 11	26865	831.5	22.85	24.00	1.303	-	-	-0.04	0.752	**0.980**
	LTE Band 26	15M	QPSK	36	0	-	Right Side	5mm	Ant 0	DSI 11	26865	831.5	21.87	23.00	1.297	-	-	0.17	0.620	0.804
	LTE Band 26	15M	QPSK	75	0	-	Right Side	5mm	Ant 0	DSI 11	26865	831.5	21.85	23.00	1.303	-	-	-0.05	0.574	0.748
	LTE Band 26	15M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 11	26865	831.5	22.85	24.00	1.303	-	-	0.01	0.263	0.343
	LTE Band 26	15M	QPSK	36	0	-	Bottom Side	5mm	Ant 0	DSI 11	26865	831.5	21.87	23.00	1.297	-	-	0.1	0.141	0.183
	LTE Band 5_Other Path	10M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 11	20525	836.5	22.78	24.00	1.324	-	-	0.02	0.711	0.942
	LTE Band 5B	10M	QPSK	1	49	-	Right Side	5mm	Ant 0	DSI 11	20476+ 20575	831.6+ 841.5	22.63	24.00	1.371	-	-	0.03	0.688	0.943
	LTE Band 26	15M	QPSK	1	0	-	Front	5mm	Ant 1	DSI 11	26865	831.5	22.46	24.00	1.426	-	-	-0.17	0.103	0.147
	LTE Band 26	15M	QPSK	36	0	-	Front	5mm	Ant 1	DSI 11	26865	831.5	21.49	23.00	1.416	-	-	0.04	0.051	0.072
	LTE Band 26	15M	QPSK	1	0	-	Back	5mm	Ant 1	DSI 11	26865	831.5	22.46	24.00	1.426	-	-	-0.01	0.414	0.590
	LTE Band 26	15M	QPSK	36	0	-	Back	5mm	Ant 1	DSI 11	26865	831.5	21.49	23.00	1.416	-	-	-0.08	0.236	0.334
	LTE Band 26	15M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 11	26865	831.5	22.46	24.00	1.426	-	-	0.16	0.601	0.857

	LTE Band 26	15M	QPSK	36	0	-	Left Side	5mm	Ant 1	DSI 11	26865	831.5	21.49	23.00	1.416	-	-	0.05	0.471	0.667
	LTE Band 26	15M	QPSK	75	0	-	Left Side	5mm	Ant 1	DSI 11	26865	831.5	21.46	23.00	1.426	-	-	0.06	0.430	0.613
	LTE Band 26	15M	QPSK	1	0	-	Bottom Side	5mm	Ant 1	DSI 11	26865	831.5	22.46	24.00	1.426	-	-	-0.09	0.297	0.423
	LTE Band 26	15M	QPSK	36	0	-	Bottom Side	5mm	Ant 1	DSI 11	26865	831.5	21.49	23.00	1.416	-	-	-0.08	0.153	0.217
	LTE Band 5_Other Path	10M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 11	20525	836.5	22.28	24.00	1.486	-	-	0.06	0.548	0.814
	LTE Band 5B	10M	QPSK	1	49	-	Left Side	5mm	Ant 1	DSI 11	20476+ 20575	831.6+ 841.5	22.15	24.00	1.531	-	-	0.01	0.545	0.834
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0	DSI 11	166300	831.5	23.60	24.00	1.096	-	-	-0.13	0.085	0.093
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Front	5mm	Ant 0	DSI 11	166300	831.5	23.44	24.00	1.138	-	-	0.06	0.077	0.088
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 11	166300	831.5	23.60	24.00	1.096	-	-	0.02	0.488	0.535
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 11	166300	831.5	23.44	24.00	1.138	-	-	-0.03	0.433	0.493
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 0	DSI 11	166300	831.5	23.60	24.00	1.096	-	-	0.18	0.479	0.525
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Right Side	5mm	Ant 0	DSI 11	166300	831.5	23.44	24.00	1.138	-	-	0.16	0.469	0.534
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0	DSI 11	166300	831.5	23.60	24.00	1.096	-	-	-0.1	0.183	0.201
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0	DSI 11	166300	831.5	23.44	24.00	1.138	-	-	0.07	0.174	0.198
	FR1 n26_Other Path	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 11	166300	831.5	23.33	24.00	1.167	-	-	0.03	0.401	0.468
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 1	DSI 11	166300	831.5	23.20	24.00	1.202	-	-	-0.03	0.114	0.137
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Front	5mm	Ant 1	DSI 11	166300	831.5	23.10	24.00	1.230	-	-	0.08	0.105	0.129
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI 11	166300	831.5	23.20	24.00	1.202	-	-	-0.05	0.533	0.641
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI 11	166300	831.5	23.10	24.00	1.230	-	-	-0.07	0.491	0.604
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 1	DSI 11	166300	831.5	23.20	24.00	1.202	-	-	0.19	0.491	0.590
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Left Side	5mm	Ant 1	DSI 11	166300	831.5	23.10	24.00	1.230	-	-	0.07	0.490	0.603
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 1	DSI 11	166300	831.5	23.20	24.00	1.202	-	-	-0.18	0.295	0.355
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Bottom Side	5mm	Ant 1	DSI 11	166300	831.5	23.10	24.00	1.230	-	-	0.03	0.272	0.335
	FR1 n26_Other Path	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI 11	166300	831.5	23.20	24.00	1.202	-	-	0.08	0.458	0.551
1750MHz																				
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 2	DSI 11	1413	1732.6	19.61	20.30	1.172	-	-	0.18	0.536	0.628
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 2	DSI 11	1413	1732.6	19.61	20.30	1.172	-	-	-0.13	0.117	0.137
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Left Side	5mm	Ant 2	DSI 11	1413	1732.6	19.61	20.30	1.172	-	-	-0.13	0.903	1.058
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Left Side	5mm	Ant 2	DSI 11	1312	1712.4	19.57	20.30	1.183	-	-	0.06	0.932	1.103
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Left Side	5mm	Ant 2	DSI 11	1513	1752.6	19.34	20.30	1.247	-	-	0.07	1.030	1.285
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Right Side	5mm	Ant 2	DSI 11	1413	1732.6	19.61	20.30	1.172	-	-	-0.03	0.145	0.170
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Top Side	5mm	Ant 2	DSI 11	1413	1732.6	19.61	20.30	1.172	-	-	-0.03	0.072	0.084
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Bottom Side	5mm	Ant 2	DSI 11	1413	1732.6	19.61	20.30	1.172	-	-	0.08	0.222	0.260
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 0	DSI 11	1413	1732.6	23.12	24.00	1.225	-	-	0.08	0.155	0.190
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	DSI 11	1413	1732.6	23.12	24.00	1.225	-	-	-0.17	0.876	1.073
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	DSI 11	1312	1712.4	23.08	24.00	1.236	-	-	-0.02	0.916	1.132
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	DSI 11	1513	1752.6	23.05	24.00	1.245	-	-	-0.03	0.867	1.079
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Left Side	5mm	Ant 0	DSI 11	1413	1732.6	23.12	24.00	1.225	-	-	-0.17	0.193	0.236
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Right Side	5mm	Ant 0	DSI 11	1413	1732.6	23.12	24.00	1.225	-	-	-0.08	0.404	0.495
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Bottom Side	5mm	Ant 0	DSI 11	1413	1732.6	23.12	24.00	1.225	-	-	-0.04	0.644	0.789
	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 2	DSI 11	132322	1745	18.39	19.40	1.262	-	-	0.08	0.482	0.608
	LTE Band 66	20M	QPSK	50	0	-	Front	5mm	Ant 2	DSI 11	132322	1745	18.35	19.40	1.274	-	-	-0.08	0.274	0.349
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 2	DSI 11	132322	1745	18.39	19.40	1.262	-	-	0.1	0.063	0.079
	LTE Band 66	20M	QPSK	50	0	-	Back	5mm	Ant 2	DSI 11	132322	1745	18.35	19.40	1.274	-	-	0.12	0.037	0.047
	LTE Band 66	20M	QPSK	1	0	-	Left Side	5mm	Ant 2	DSI 11	132322	1745	18.39	19.40	1.262	-	-	0.08	0.937	1.182
	LTE Band 66	20M	QPSK	1	0	-	Left Side	5mm	Ant 2	DSI 11	132072	1720	18.33	19.40	1.279	-	-	-0.17	0.834	1.067
	LTE Band 66	20M	QPSK	1	0	-	Left Side	5mm	Ant 2	DSI 11	132572	1770	18.32	19.40	1.282	-	-	0.01	1.000	1.282
	LTE Band 66	20M	QPSK	50	0	-	Left Side	5mm	Ant 2	DSI 11	132322	1745	18.35	19.40	1.274	-	-	-0.03	0.545	0.694
	LTE Band 66	20M	QPSK	100	0	-	Left Side	5mm	Ant 2	DSI 11	132322	1745	18.29	19.40	1.291	-	-	-0.05	0.566	0.731
	LTE Band 66	20M	QPSK	1	0	-	Right Side	5mm	Ant 2	DSI 11	132322	1745	18.39	19.40	1.262	-	-	0.18	0.108	0.136
	LTE Band 66	20M	QPSK	50	0	-	Right Side	5mm	Ant 2	DSI 11	132322	1745	18.35	19.40	1.274	-	-	0.14	0.054	0.069
	LTE Band 66	20M	QPSK	1	0	-	Top Side	5mm	Ant 2	DSI 11	132322	1745	18.39	19.40	1.262	-	-	-0.17	0.052	0.066
	LTE Band 66	20M	QPSK	50	0	-	Top Side	5mm	Ant 2	DSI 11	132322	1745	18.35	19.40	1.274	-	-	0.17	0.032	0.041
	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 2	DSI 11	132322	1745	18.39	19.40	1.262	-	-	-0.05	0.061	0.077
	LTE Band 66	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 2	DSI 11	132322	1745	18.35	19.40	1.274	-	-	0.01	0.037	0.047
	LTE Band 66_Other Path	20M	QPSK	1	0	-	Left Side	5mm	Ant 2	DSI 11	132572	1770	18.32	19.40	1.282	-	-	-0.09	0.954	1.223

	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 3	DSI 11	132322	1745	21.53	22.50	1.250	-	-	0.1	0.519	0.649
	LTE Band 66	20M	QPSK	50	0	-	Front	5mm	Ant 3	DSI 11	132322	1745	21.50	22.50	1.259	-	-	-0.01	0.256	0.322
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 3	DSI 11	132322	1745	21.53	22.50	1.250	-	-	0.05	0.113	0.141
	LTE Band 66	20M	QPSK	50	0	-	Back	5mm	Ant 3	DSI 11	132322	1745	21.50	22.50	1.259	-	-	0.06	0.063	0.079
	LTE Band 66	20M	QPSK	1	0	-	Left Side	5mm	Ant 3	DSI 11	132322	1745	21.53	22.50	1.250	-	-	-0.09	0.251	0.314
	LTE Band 66	20M	QPSK	50	0	-	Left Side	5mm	Ant 3	DSI 11	132322	1745	21.50	22.50	1.259	-	-	-0.08	0.140	0.176
	LTE Band 66	20M	QPSK	1	0	-	Right Side	5mm	Ant 3	DSI 11	132322	1745	21.53	22.50	1.250	-	-	0.13	0.293	0.366
	LTE Band 66	20M	QPSK	50	0	-	Right Side	5mm	Ant 3	DSI 11	132322	1745	21.50	22.50	1.259	-	-	0.12	0.146	0.184
65	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 3	DSI 11	132322	1745	21.53	22.50	1.250	-	-	-0.04	1.030	**1.288**
	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 3	DSI 11	132072	1720	21.46	22.50	1.271	-	-	0.03	0.928	1.179
	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 3	DSI 11	132572	1770	21.41	22.50	1.285	-	-	0.18	0.895	1.150
	LTE Band 66	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 3	DSI 11	132322	1745	21.50	22.50	1.259	-	-	0.16	0.631	0.794
	LTE Band 66	20M	QPSK	100	0	-	Bottom Side	5mm	Ant 3	DSI 11	132322	1745	21.51	22.50	1.256	-	-	0.18	0.658	0.826
	LTE Band 66_Other Path	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 3	DSI 11	132322	1745	21.53	22.50	1.250	-	-	-0.08	0.975	1.219
	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 0	DSI 11	132322	1745	22.31	24.00	1.476	-	-	-0.1	0.137	0.202
	LTE Band 66	20M	QPSK	50	0	-	Front	5mm	Ant 0	DSI 11	132322	1745	21.34	23.00	1.466	-	-	0.01	0.071	0.104
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 11	132322	1745	22.31	24.00	1.476	-	-	-0.15	0.593	0.875
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 11	132072	1720	22.25	24.00	1.496	-	-	0.19	0.646	0.967
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 11	132572	1770	22.26	24.00	1.493	-	-	0.07	0.584	0.872
	LTE Band 66	20M	QPSK	50	0	-	Back	5mm	Ant 0	DSI 11	132322	1745	21.34	23.00	1.466	-	-	-0.18	0.337	0.494
	LTE Band 66	20M	QPSK	100	0	-	Back	5mm	Ant 0	DSI 11	132322	1745	21.31	23.00	1.476	-	-	0.03	0.321	0.474
	LTE Band 66	20M	QPSK	1	0	-	Left Side	5mm	Ant 0	DSI 11	132322	1745	22.31	24.00	1.476	-	-	-0.15	0.148	0.218
	LTE Band 66	20M	QPSK	50	0	-	Left Side	5mm	Ant 0	DSI 11	132322	1745	21.34	23.00	1.466	-	-	-0.15	0.071	0.104
	LTE Band 66	20M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 11	132322	1745	22.31	24.00	1.476	-	-	0.11	0.124	0.183
	LTE Band 66	20M	QPSK	50	0	-	Right Side	5mm	Ant 0	DSI 11	132322	1745	21.34	23.00	1.466	-	-	-0.08	0.151	0.221
	LTE Band 66	20M	QPSK	1	0	-	Top Side	5mm	Ant 0	DSI 11	132322	1745	22.31	24.00	1.476	-	-	-0.17	0.094	0.139
	LTE Band 66	20M	QPSK	50	0	-	Top Side	5mm	Ant 0	DSI 11	132322	1745	21.34	23.00	1.466	-	-	-0.08	0.047	0.069
	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 11	132322	1745	22.31	24.00	1.476	-	-	-0.04	0.770	1.136
	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 11	132072	1720	22.25	24.00	1.496	-	-	0.02	0.822	1.230
	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 11	132572	1770	22.26	24.00	1.493	-	-	-0.08	0.769	1.148
	LTE Band 66	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 0	DSI 11	132322	1745	21.34	23.00	1.466	-	-	0.17	0.297	0.435
	LTE Band 66	20M	QPSK	100	0	-	Bottom Side	5mm	Ant 0	DSI 11	132322	1745	21.31	23.00	1.476	-	-	0.18	0.288	0.425
	LTE Band 66_Other Path	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 11	132072	1720	22.25	24.00	1.496	-	-	0.13	0.758	1.134
	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 1	DSI 11	132322	1745	21.67	22.90	1.327	-	-	-0.04	0.066	0.088
	LTE Band 66	20M	QPSK	50	0	-	Front	5mm	Ant 1	DSI 11	132322	1745	20.67	22.00	1.358	-	-	-0.08	0.040	0.054
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 1	DSI 11	132322	1745	21.67	22.90	1.327	-	-	-0.13	0.489	0.649
	LTE Band 66	20M	QPSK	50	0	-	Back	5mm	Ant 1	DSI 11	132322	1745	20.67	22.00	1.358	-	-	-0.03	0.274	0.372
	LTE Band 66	20M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 11	132322	1745	21.67	22.90	1.327	-	-	-0.03	0.956	1.269
	LTE Band 66	20M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 11	132072	1720	21.54	22.90	1.368	-	-	-0.03	0.914	1.250
	LTE Band 66	20M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 11	132572	1770	21.56	22.90	1.361	-	-	0.08	0.862	1.174
	LTE Band 66	20M	QPSK	50	0	-	Left Side	5mm	Ant 1	DSI 11	132322	1745	20.67	22.00	1.358	-	-	-0.07	0.608	0.826
	LTE Band 66	20M	QPSK	50	0	-	Left Side	5mm	Ant 1	DSI 11	132072	1720	20.56	22.00	1.393	-	-	0.05	0.596	0.830
	LTE Band 66	20M	QPSK	50	0	-	Left Side	5mm	Ant 1	DSI 11	132572	1770	20.53	22.00	1.403	-	-	-0.11	0.564	0.791
	LTE Band 66	20M	QPSK	100	0	-	Left Side	5mm	Ant 1	DSI 11	132322	1745	20.56	22.00	1.393	-	-	-0.12	0.539	0.751
	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 1	DSI 11	132322	1745	21.67	22.90	1.327	-	-	0.03	0.372	0.494
	LTE Band 66	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 1	DSI 11	132322	1745	20.67	22.00	1.358	-	-	0.15	0.289	0.393
	LTE Band 66_Other Path	20M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 11	132322	1745	21.67	22.90	1.327	-	-	0.12	0.896	1.189
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 2	DSI 11	349000	1745	18.05	19.00	1.245	-	-	0.1	0.491	0.611
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Front	5mm	Ant 2	DSI 11	349000	1745	17.99	19.00	1.262	-	-	0.03	0.525	0.662
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 2	DSI 11	349000	1745	18.05	19.00	1.245	-	-	0.09	0.058	0.072
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Back	5mm	Ant 2	DSI 11	349000	1745	17.99	19.00	1.262	-	-	-0.13	0.066	0.083
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 2	DSI 11	349000	1745	18.05	19.00	1.245	-	-	0.05	1.030	1.282
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Left Side	5mm	Ant 2	DSI 11	349000	1745	17.99	19.00	1.262	-	-	-0.17	1.010	1.274
	FR1 n66	45M	QPSK	240	0	DFT-SCS-15KHz	Left Side	5mm	Ant 2	DSI 11	349000	1745	17.95	19.00	1.274	-	-	-0.1	0.764	0.973
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 2	DSI 11	349000	1745	18.05	19.00	1.245	-	-	0.1	0.060	0.075
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Right Side	5mm	Ant 2	DSI 11	349000	1745	17.99	19.00	1.262	-	-	0.17	0.079	0.100

	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Top Side	5mm	Ant 2	DSI 11	349000	1745	18.05	19.00	1.245	-	-	-0.06	0.060	0.075
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Top Side	5mm	Ant 2	DSI 11	349000	1745	17.99	19.00	1.262	-	-	0.07	0.054	0.068
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 2	DSI 11	349000	1745	18.05	19.00	1.245	-	-	0.11	0.073	0.091
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Bottom Side	5mm	Ant 2	DSI 11	349000	1745	17.99	19.00	1.262	-	-	-0.18	0.069	0.087
	FR1 n66_Main PA	45M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 2	DSI 11	349000	1745	17.99	19.00	1.262	-	-	0.03	0.842	1.062
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 3	DSI 11	349000	1745	19.96	20.90	1.242	-	-	0.11	0.497	0.617
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Front	5mm	Ant 3	DSI 11	349000	1745	19.95	20.90	1.245	-	-	-0.01	0.453	0.564
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 3	DSI 11	349000	1745	19.96	20.90	1.242	-	-	0.04	0.094	0.117
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Back	5mm	Ant 3	DSI 11	349000	1745	19.95	20.90	1.245	-	-	0.16	0.096	0.119
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 3	DSI 11	349000	1745	19.96	20.90	1.242	-	-	0.17	0.324	0.402
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Left Side	5mm	Ant 3	DSI 11	349000	1745	19.95	20.90	1.245	-	-	0.06	0.344	0.428
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 3	DSI 11	349000	1745	19.96	20.90	1.242	-	-	0.06	0.100	0.124
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Right Side	5mm	Ant 3	DSI 11	349000	1745	19.95	20.90	1.245	-	-	0.18	0.154	0.192
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 3	DSI 11	349000	1745	19.96	20.90	1.242	-	-	-0.02	1.010	1.254
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Bottom Side	5mm	Ant 3	DSI 11	349000	1745	19.95	20.90	1.245	-	-	-0.19	0.964	1.200
	FR1 n66	45M	QPSK	240	0	DFT-SCS-15KHz	Bottom Side	5mm	Ant 3	DSI 11	349000	1745	19.84	20.90	1.276	-	-	0.17	0.911	1.163
	FR1 n66_Main PA	45M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 3	DSI 11	349000	1745	19.79	20.90	1.291	-	-	0.07	0.986	1.273
	FR1 n66_Code 2	45M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 3	DSI 11	349000	1745	19.96	20.90	1.242	-	-	0.01	0.644	0.800
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 2	DSI 11	340500	1702.5	20.48	21.30	1.208	-	-	-0.16	0.514	0.621
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Front	5mm	Ant 2	DSI 11	340500	1702.5	20.42	21.30	1.225	-	-	-0.08	0.549	0.672
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 2	DSI 11	340500	1702.5	20.48	21.30	1.208	-	-	0.12	0.168	0.203
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Back	5mm	Ant 2	DSI 11	340500	1702.5	20.42	21.30	1.225	-	-	-0.17	0.148	0.181
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 2	DSI 11	340500	1702.5	20.48	21.30	1.208	-	-	0.07	1.050	1.268
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Left Side	5mm	Ant 2	DSI 11	340500	1702.5	20.42	21.30	1.225	-	-	-0.17	0.937	1.147
	FR1 n70	15M	QPSK	75	0	DFT-SCS-15KHz	Left Side	5mm	Ant 2	DSI 11	340500	1702.5	20.35	21.30	1.245	-	-	0.02	0.759	0.945
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 2	DSI 11	340500	1702.5	20.48	21.30	1.208	-	-	-0.07	0.119	0.144
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Right Side	5mm	Ant 2	DSI 11	340500	1702.5	20.42	21.30	1.225	-	-	-0.03	0.148	0.181
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Top Side	5mm	Ant 2	DSI 11	340500	1702.5	20.48	21.30	1.208	-	-	0	0.119	0.144
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Top Side	5mm	Ant 2	DSI 11	340500	1702.5	20.42	21.30	1.225	-	-	0.09	0.116	0.142
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 2	DSI 11	340500	1702.5	20.48	21.30	1.208	-	-	-0.02	0.302	0.365
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Bottom Side	5mm	Ant 2	DSI 11	340500	1702.5	20.42	21.30	1.225	-	-	-0.07	0.277	0.339
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 3	DSI 11	340500	1702.5	21.45	22.40	1.245	-	-	-0.16	0.494	0.615
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Front	5mm	Ant 3	DSI 11	340500	1702.5	21.24	22.40	1.306	-	-	-0.03	0.444	0.580
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 3	DSI 11	340500	1702.5	21.45	22.40	1.245	-	-	0.1	0.335	0.417
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Back	5mm	Ant 3	DSI 11	340500	1702.5	21.24	22.40	1.306	-	-	0.03	0.351	0.458
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 3	DSI 11	340500	1702.5	21.45	22.40	1.245	-	-	0.06	0.461	0.574
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Left Side	5mm	Ant 3	DSI 11	340500	1702.5	21.24	22.40	1.306	-	-	0.12	0.483	0.631
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 3	DSI 11	340500	1702.5	21.45	22.40	1.245	-	-	0.11	0.167	0.208
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Right Side	5mm	Ant 3	DSI 11	340500	1702.5	21.24	22.40	1.306	-	-	0.08	0.209	0.273
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 3	DSI 11	340500	1702.5	21.45	22.40	1.245	-	-	0.09	1.030	1.282
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Bottom Side	5mm	Ant 3	DSI 11	340500	1702.5	21.24	22.40	1.306	-	-	0.07	0.901	1.177
	FR1 n70	15M	QPSK	75	0	DFT-SCS-15KHz	Bottom Side	5mm	Ant 3	DSI 11	340500	1702.5	21.22	22.40	1.312	-	-	0.09	0.861	1.130
	FR1 n70_Code 2	15M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 3	DSI 11	340500	1702.5	21.45	22.40	1.245	-	-	-0.07	0.657	0.818
1900MHz																				
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Front	5mm	Ant 2	DSI 11	661	1880	20.70	21.80	1.288	-	-	0.11	0.436	0.562
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	5mm	Ant 2	DSI 11	661	1880	20.70	21.80	1.288	-	-	0.16	0.075	0.097
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Left Side	5mm	Ant 2	DSI 11	661	1880	20.70	21.80	1.288	-	-	0.05	0.925	1.192
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Left Side	5mm	Ant 2	DSI 11	512	1850.2	20.61	21.80	1.315	-	-	0.05	0.892	1.173
66	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Left Side	5mm	Ant 2	DSI 11	810	1909.8	20.66	21.80	1.300	-	-	0.01	0.986	**1.282**
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Right Side	5mm	Ant 2	DSI 11	661	1880	20.70	21.80	1.288	-	-	-0.03	0.084	0.108
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Top Side	5mm	Ant 2	DSI 11	661	1880	20.70	21.80	1.288	-	-	-0.15	0.073	0.094
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Bottom Side	5mm	Ant 2	DSI 11	661	1880	20.70	21.80	1.288	-	-	0.02	0.151	0.195
	GSM1900	-	-	-	-	GPRS (3 Tx slots)	Front	5mm	Ant 0	DSI 11	661	1880	25.33	26.50	1.309	-	-	0.07	0.045	0.059
	GSM1900	-	-	-	-	GPRS (3 Tx slots)	Back	5mm	Ant 0	DSI 11	661	1880	25.33	26.50	1.309	-	-	0.16	0.298	0.390
	GSM1900	-	-	-	-	GPRS (3 Tx slots)	Left Side	5mm	Ant 0	DSI 11	661	1880	25.33	26.50	1.309	-	-	0.13	0.058	0.076
	GSM1900	-	-	-	-	GPRS (3 Tx slots)	Right Side	5mm	Ant 0	DSI 11	661	1880	25.33	26.50	1.309	-	-	-0.18	0.179	0.234

	GSM1900	-	-	-	-	GPRS (3 Tx slots)	Bottom Side	5mm	Ant 0	DSI 11	661	1880	25.33	26.50	1.309	-	-	0.02	0.489	0.640
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 2	DSI 11	9400	1880	17.51	18.50	1.256	-	-	0.02	0.491	0.617
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 2	DSI 11	9400	1880	17.51	18.50	1.256	-	-	0.07	0.078	0.098
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Left Side	5mm	Ant 2	DSI 11	9400	1880	17.51	18.50	1.256	-	-	-0.1	1.020	1.281
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Left Side	5mm	Ant 2	DSI 11	9262	1852.4	17.44	18.50	1.276	-	-	-0.1	0.847	1.081
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Left Side	5mm	Ant 2	DSI 11	9538	1907.6	17.39	18.50	1.291	-	-	0.01	0.884	1.141
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Right Side	5mm	Ant 2	DSI 11	9400	1880	17.51	18.50	1.256	-	-	-0.01	0.091	0.114
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Top Side	5mm	Ant 2	DSI 11	9400	1880	17.51	18.50	1.256	-	-	-0.06	0.087	0.109
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Bottom Side	5mm	Ant 2	DSI 11	9400	1880	17.51	18.50	1.256	-	-	-0.04	0.161	0.202
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 0	DSI 11	9400	1880	22.81	24.00	1.315	-	-	0.18	0.081	0.107
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	DSI 11	9400	1880	22.81	24.00	1.315	-	-	-0.17	0.524	0.689
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Left Side	5mm	Ant 0	DSI 11	9400	1880	22.81	24.00	1.315	-	-	0.05	0.112	0.147
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Right Side	5mm	Ant 0	DSI 11	9400	1880	22.81	24.00	1.315	-	-	-0.13	0.283	0.372
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Bottom Side	5mm	Ant 0	DSI 11	9400	1880	22.81	24.00	1.315	-	-	0.04	0.714	0.939
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Bottom Side	5mm	Ant 0	DSI 11	9262	1852.4	22.79	24.00	1.321	-	-	-0.01	0.688	0.909
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Bottom Side	5mm	Ant 0	DSI 11	9538	1907.6	22.71	24.00	1.346	-	-	-0.09	0.707	0.952
	LTE Band 25	20M	QPSK	1	0	-	Front	5mm	Ant 2	DSI 11	26340	1880	18.23	19.10	1.222	-	-	0.02	0.504	0.616
	LTE Band 25	20M	QPSK	50	0	-	Front	5mm	Ant 2	DSI 11	26340	1880	18.21	19.10	1.227	-	-	0.06	0.272	0.334
	LTE Band 25	20M	QPSK	1	0	-	Back	5mm	Ant 2	DSI 11	26340	1880	18.23	19.10	1.222	-	-	0.11	0.095	0.116
	LTE Band 25	20M	QPSK	50	0	-	Back	5mm	Ant 2	DSI 11	26340	1880	18.21	19.10	1.227	-	-	-0.02	0.050	0.061
	LTE Band 25	20M	QPSK	1	0	-	Left Side	5mm	Ant 2	DSI 11	26340	1880	18.23	19.10	1.222	-	-	-0.12	1.040	1.271
	LTE Band 25	20M	QPSK	1	0	-	Left Side	5mm	Ant 2	DSI 11	26140	1860	18.03	19.10	1.279	-	-	0.1	0.989	1.265
	LTE Band 25	20M	QPSK	1	0	-	Left Side	5mm	Ant 2	DSI 11	26590	1905	18.08	19.10	1.265	-	-	0.04	1.000	1.265
	LTE Band 25	20M	QPSK	50	0	-	Left Side	5mm	Ant 2	DSI 11	26340	1880	18.21	19.10	1.227	-	-	0.13	0.552	0.678
	LTE Band 25	20M	QPSK	100	0	-	Left Side	5mm	Ant 2	DSI 11	26340	1880	18.12	19.10	1.253	-	-	-0.16	0.549	0.688
	LTE Band 25	20M	QPSK	1	0	-	Right Side	5mm	Ant 2	DSI 11	26340	1880	18.23	19.10	1.222	-	-	-0.15	0.058	0.071
	LTE Band 25	20M	QPSK	50	0	-	Right Side	5mm	Ant 2	DSI 11	26340	1880	18.21	19.10	1.227	-	-	-0.06	0.028	0.034
	LTE Band 25	20M	QPSK	1	0	-	Top Side	5mm	Ant 2	DSI 11	26340	1880	18.23	19.10	1.222	-	-	-0.14	0.055	0.067
	LTE Band 25	20M	QPSK	50	0	-	Top Side	5mm	Ant 2	DSI 11	26340	1880	18.21	19.10	1.227	-	-	-0.19	0.028	0.034
	LTE Band 25	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 2	DSI 11	26340	1880	18.23	19.10	1.222	-	-	0.01	0.072	0.088
	LTE Band 25	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 2	DSI 11	26340	1880	18.21	19.10	1.227	-	-	0.06	0.049	0.060
	LTE Band 2_Other Path	20M	QPSK	1	0	-	Left Side	5mm	Ant 2	DSI 11	18900	1880	18.12	19.10	1.253	-	-	0.16	0.956	1.198
	LTE Band 25	20M	QPSK	1	0	-	Front	5mm	Ant 3	DSI 11	26340	1880	21.95	23.10	1.303	-	-	0.17	0.939	1.224
	LTE Band 25	20M	QPSK	1	0	-	Front	5mm	Ant 3	DSI 11	26140	1860	21.92	23.10	1.312	-	-	0.18	0.930	1.220
	LTE Band 25	20M	QPSK	1	0	-	Front	5mm	Ant 3	DSI 11	26590	1905	21.88	23.10	1.324	-	-	0.01	0.962	1.274
	LTE Band 25	20M	QPSK	50	0	-	Front	5mm	Ant 3	DSI 11	26340	1880	21.86	23.00	1.300	-	-	-0.04	0.508	0.660
	LTE Band 25	20M	QPSK	100	0	-	Front	5mm	Ant 3	DSI 11	26340	1880	21.86	23.00	1.300	-	-	-0.08	0.490	0.637
	LTE Band 25	20M	QPSK	1	0	-	Back	5mm	Ant 3	DSI 11	26340	1880	21.95	23.10	1.303	-	-	-0.13	0.128	0.167
	LTE Band 25	20M	QPSK	50	0	-	Back	5mm	Ant 3	DSI 11	26340	1880	21.86	23.00	1.300	-	-	-0.13	0.069	0.090
	LTE Band 25	20M	QPSK	1	0	-	Left Side	5mm	Ant 3	DSI 11	26340	1880	21.95	23.10	1.303	-	-	-0.13	0.441	0.575
	LTE Band 25	20M	QPSK	50	0	-	Left Side	5mm	Ant 3	DSI 11	26340	1880	21.86	23.00	1.300	-	-	0.01	0.265	0.345
	LTE Band 25	20M	QPSK	1	0	-	Right Side	5mm	Ant 3	DSI 11	26340	1880	21.95	23.10	1.303	-	-	-0.01	0.186	0.242
	LTE Band 25	20M	QPSK	50	0	-	Right Side	5mm	Ant 3	DSI 11	26340	1880	21.86	23.00	1.300	-	-	-0.15	0.095	0.124
	LTE Band 25	20M	QPSK	1	0	-	Top Side	5mm	Ant 3	DSI 11	26340	1880	21.95	23.10	1.303	-	-	-0.11	0.025	0.033
	LTE Band 25	20M	QPSK	50	0	-	Top Side	5mm	Ant 3	DSI 11	26340	1880	21.86	23.00	1.300	-	-	-0.06	0.018	0.023
	LTE Band 2_Other Path	20M	QPSK	1	0	-	Front	5mm	Ant 3	DSI 11	19100	1900	21.69	23.10	1.384	-	-	-0.1	0.909	1.258
	LTE Band 25	20M	QPSK	1	0	-	Front	5mm	Ant 0	DSI 11	26340	1880	22.15	23.00	1.216	-	-	0.03	0.112	0.136
	LTE Band 25	20M	QPSK	50	0	-	Front	5mm	Ant 0	DSI 11	26340	1880	21.23	22.00	1.194	-	-	-0.13	0.054	0.064
	LTE Band 25	20M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 11	26340	1880	22.15	23.00	1.216	-	-	0.16	0.634	0.771
	LTE Band 25	20M	QPSK	50	0	-	Back	5mm	Ant 0	DSI 11	26340	1880	21.23	22.00	1.194	-	-	-0.09	0.527	0.629
	LTE Band 25	20M	QPSK	1	0	-	Left Side	5mm	Ant 0	DSI 11	26340	1880	22.15	23.00	1.216	-	-	0.1	0.111	0.135
	LTE Band 25	20M	QPSK	50	0	-	Left Side	5mm	Ant 0	DSI 11	26340	1880	21.23	22.00	1.194	-	-	-0.09	0.065	0.078
	LTE Band 25	20M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 11	26340	1880	22.15	23.00	1.216	-	-	0.07	0.307	0.373
	LTE Band 25	20M	QPSK	50	0	-	Right Side	5mm	Ant 0	DSI 11	26340	1880	21.23	22.00	1.194	-	-	-0.09	0.151	0.180
	LTE Band 25	20M	QPSK	1	0	-	Top Side	5mm	Ant 0	DSI 11	26340	1880	22.15	23.00	1.216	-	-	-0.16	0.088	0.107
	LTE Band 25	20M	QPSK	50	0	-	Top Side	5mm	Ant 0	DSI 11	26340	1880	21.23	22.00	1.194	-	-	-0.18	0.045	0.054

	LTE Band 25	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 11	26340	1880	22.15	23.00	1.216	-	-	-0.07	0.694	0.844
	LTE Band 25	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 11	26140	1860	22.11	23.00	1.227	-	-	0.11	0.666	0.817
	LTE Band 25	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 11	26590	1905	22.08	23.00	1.236	-	-	0.01	0.713	0.881
	LTE Band 25	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 0	DSI 11	26340	1880	21.23	22.00	1.194	-	-	-0.08	0.344	0.411
	LTE Band 25	20M	QPSK	100	0	-	Bottom Side	5mm	Ant 0	DSI 11	26340	1880	21.20	22.00	1.202	-	-	-0.1	0.407	0.489
	LTE Band 2_Other Path	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 11	19100	1900	22.03	23.00	1.250	-	-	0.18	0.675	0.844
	LTE Band 25	20M	QPSK	1	0	-	Front	5mm	Ant 1	DSI 11	26340	1880	22.41	23.00	1.146	-	-	-0.01	0.050	0.057
	LTE Band 25	20M	QPSK	50	0	-	Front	5mm	Ant 1	DSI 11	26340	1880	21.45	22.00	1.135	-	-	-0.09	0.028	0.032
	LTE Band 25	20M	QPSK	1	0	-	Back	5mm	Ant 1	DSI 11	26340	1880	22.41	23.00	1.146	-	-	-0.01	0.561	0.643
	LTE Band 25	20M	QPSK	50	0	-	Back	5mm	Ant 1	DSI 11	26340	1880	21.45	22.00	1.135	-	-	-0.06	0.307	0.348
	LTE Band 25	20M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 11	26340	1880	22.41	23.00	1.146	-	-	-0.17	0.441	0.505
	LTE Band 25	20M	QPSK	50	0	-	Left Side	5mm	Ant 1	DSI 11	26340	1880	21.45	22.00	1.135	-	-	0.14	0.226	0.257
	LTE Band 25	20M	QPSK	1	0	-	Right Side	5mm	Ant 1	DSI 11	26340	1880	22.41	23.00	1.146	-	-	0.1	0.060	0.069
	LTE Band 25	20M	QPSK	50	0	-	Right Side	5mm	Ant 1	DSI 11	26340	1880	21.45	22.00	1.135	-	-	0.16	0.031	0.035
	LTE Band 25	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 1	DSI 11	26340	1880	22.41	23.00	1.146	-	-	-0.06	0.365	0.418
	LTE Band 25	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 1	DSI 11	26340	1880	21.45	22.00	1.135	-	-	0.05	0.209	0.237
	LTE Band 2_Other Path	20M	QPSK	1	0	-	Back	5mm	Ant 1	DSI 11	18900	1880	22.38	23.00	1.153	-	-	0.03	0.539	0.622
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 2	DSI 11	376500	1882.5	18.38	19.30	1.236	-	-	-0.12	0.413	0.510
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Front	5mm	Ant 2	DSI 11	376500	1882.5	18.35	19.30	1.245	-	-	0.1	0.373	0.464
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 2	DSI 11	376500	1882.5	18.38	19.30	1.236	-	-	-0.1	0.083	0.103
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Back	5mm	Ant 2	DSI 11	376500	1882.5	18.35	19.30	1.245	-	-	0.17	0.074	0.092
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 2	DSI 11	376500	1882.5	18.38	19.30	1.236	-	-	0.01	1.030	1.273
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Left Side	5mm	Ant 2	DSI 11	376500	1882.5	18.35	19.30	1.245	-	-	0.12	0.860	1.070
	FR1 n25	45M	QPSK	240	0	DFT-SCS-15KHz	Left Side	5mm	Ant 2	DSI 11	376500	1882.5	18.26	19.30	1.271	-	-	-0.11	0.464	0.590
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 2	DSI 11	376500	1882.5	18.38	19.30	1.236	-	-	-0.12	0.071	0.088
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Right Side	5mm	Ant 2	DSI 11	376500	1882.5	18.35	19.30	1.245	-	-	-0.1	0.040	0.050
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Top Side	5mm	Ant 2	DSI 11	376500	1882.5	18.38	19.30	1.236	-	-	0.16	0.071	0.088
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Top Side	5mm	Ant 2	DSI 11	376500	1882.5	18.35	19.30	1.245	-	-	-0.09	0.058	0.072
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 2	DSI 11	376500	1882.5	18.38	19.30	1.236	-	-	-0.09	0.053	0.066
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Bottom Side	5mm	Ant 2	DSI 11	376500	1882.5	18.35	19.30	1.245	-	-	0.08	0.074	0.092
	FR1 n2_Other Path	40M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 2	DSI11	376000	1880	18.55	19.30	1.189	-	-	-0.01	0.815	0.969
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 3	DSI 11	376500	1882.5	19.95	21.30	1.365	-	-	0.06	0.441	0.602
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Front	5mm	Ant 3	DSI 11	376500	1882.5	19.89	21.30	1.384	-	-	0.1	0.470	0.650
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 3	DSI 11	376500	1882.5	19.95	21.30	1.365	-	-	-0.07	0.089	0.121
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Back	5mm	Ant 3	DSI 11	376500	1882.5	19.89	21.30	1.384	-	-	0.12	0.079	0.109
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 3	DSI 11	376500	1882.5	19.95	21.30	1.365	-	-	0.08	0.272	0.371
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Left Side	5mm	Ant 3	DSI 11	376500	1882.5	19.89	21.30	1.384	-	-	0.15	0.290	0.401
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 3	DSI 11	376500	1882.5	19.95	21.30	1.365	-	-	-0.05	0.197	0.269
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Right Side	5mm	Ant 3	DSI 11	376500	1882.5	19.89	21.30	1.384	-	-	0.02	0.141	0.195
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 3	DSI 11	376500	1882.5	19.95	21.30	1.365	-	-	0.01	0.940	1.283
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Bottom Side	5mm	Ant 3	DSI 11	376500	1882.5	19.89	21.30	1.384	-	-	-0.11	0.845	1.169
	FR1 n25	45M	QPSK	240	0	DFT-SCS-15KHz	Bottom Side	5mm	Ant 3	DSI 11	376500	1882.5	19.88	21.30	1.387	-	-	0.03	0.447	0.620
	FR1 n25_Code 2	45M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 3	DSI 11	376500	1882.5	19.95	21.30	1.365	-	-	0.01	0.401	0.547
	FR1 n2_Other Path	40M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 3	DSI11	376000	1880	19.91	21.30	1.377	-	-	-0.08	0.876	1.206
2300MHz																				
	LTE Band 30	10M	QPSK	1	0	-	Front	5mm	Ant 2	DSI 11	27710	2310	18.07	19.40	1.358	-	-	0.17	0.408	0.554
	LTE Band 30	10M	QPSK	25	0	-	Front	5mm	Ant 2	DSI 11	27710	2310	17.91	19.40	1.409	-	-	-0.15	0.336	0.474
	LTE Band 30	10M	QPSK	1	0	-	Back	5mm	Ant 2	DSI 11	27710	2310	18.07	19.40	1.358	-	-	0.05	0.105	0.143
	LTE Band 30	10M	QPSK	25	0	-	Back	5mm	Ant 2	DSI 11	27710	2310	17.91	19.40	1.409	-	-	-0.06	0.100	0.141
	LTE Band 30	10M	QPSK	1	0	-	Left Side	5mm	Ant 2	DSI 11	27710	2310	18.07	19.40	1.358	-	-	-0.07	0.942	1.280
	LTE Band 30	10M	QPSK	25	0	-	Left Side	5mm	Ant 2	DSI 11	27710	2310	17.91	19.40	1.409	-	-	-0.13	0.883	1.244
	LTE Band 30	10M	QPSK	50	0	-	Left Side	5mm	Ant 2	DSI 11	27710	2310	17.85	19.40	1.429	-	-	-0.01	0.862	1.232
	LTE Band 30	10M	QPSK	1	0	-	Bottom Side	5mm	Ant 2	DSI 11	27710	2310	18.07	19.40	1.358	-	-	-0.14	0.050	0.068
	LTE Band 30	10M	QPSK	25	0	-	Bottom Side	5mm	Ant 2	DSI 11	27710	2310	17.91	19.40	1.409	-	-	-0.18	0.051	0.072
	LTE Band 30_Other Path	10M	QPSK	1	0	-	Left Side	5mm	Ant 2	DSI 11	27710	2310	18.07	19.40	1.358	-	-	0.18	0.911	1.237
	LTE Band 30	10M	QPSK	1	0	-	Front	5mm	Ant 3	DSI 11	27710	2310	18.45	19.40	1.245	-	-	-0.06	0.752	0.936

	LTE Band 30	10M	QPSK	25	0	-	Front	5mm	Ant 3	DSI 11	27710	2310	17.58	18.50	1.236	-	-	0.02	0.844	1.043
	LTE Band 30	10M	QPSK	50	0	-	Front	5mm	Ant 3	DSI 11	27710	2310	17.61	18.50	1.227	-	-	-0.06	0.786	0.965
	LTE Band 30	10M	QPSK	1	0	-	Back	5mm	Ant 3	DSI 11	27710	2310	18.45	19.40	1.245	-	-	0.16	0.124	0.154
	LTE Band 30	10M	QPSK	25	0	-	Back	5mm	Ant 3	DSI 11	27710	2310	17.58	18.50	1.236	-	-	0.01	0.140	0.173
	LTE Band 30	10M	QPSK	1	0	-	Left Side	5mm	Ant 3	DSI 11	27710	2310	18.45	19.40	1.245	-	-	-0.04	0.350	0.436
	LTE Band 30	10M	QPSK	25	0	-	Left Side	5mm	Ant 3	DSI 11	27710	2310	17.58	18.50	1.236	-	-	0.13	0.292	0.361
	LTE Band 30	10M	QPSK	1	0	-	Bottom Side	5mm	Ant 3	DSI 11	27710	2310	18.45	19.40	1.245	-	-	0.03	1.030	1.282
	LTE Band 30	10M	QPSK	25	0	-	Bottom Side	5mm	Ant 3	DSI 11	27710	2310	17.58	18.50	1.236	-	-	-0.06	0.954	1.179
	LTE Band 30	10M	QPSK	50	0	-	Bottom Side	5mm	Ant 3	DSI 11	27710	2310	17.61	18.50	1.227	-	-	-0.03	0.903	1.108
	LTE Band 30	10M	QPSK	1	0	-	Front	5mm	Ant 0	DSI 11	27710	2310	22.58	23.70	1.294	-	-	0.07	0.136	0.176
	LTE Band 30	10M	QPSK	25	0	-	Front	5mm	Ant 0	DSI 11	27710	2310	21.62	23.00	1.374	-	-	-0.12	0.140	0.192
	LTE Band 30	10M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 11	27710	2310	22.58	23.70	1.294	-	-	-0.03	0.439	0.568
	LTE Band 30	10M	QPSK	25	0	-	Back	5mm	Ant 0	DSI 11	27710	2310	21.62	23.00	1.374	-	-	0.02	0.421	0.578
	LTE Band 30	10M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 11	27710	2310	22.58	23.70	1.294	-	-	0.02	1.000	1.294
	LTE Band 30	10M	QPSK	25	0	-	Right Side	5mm	Ant 0	DSI 11	27710	2310	21.62	23.00	1.374	-	-	-0.05	0.921	1.265
	LTE Band 30	10M	QPSK	50	0	-	Right Side	5mm	Ant 0	DSI 11	27710	2310	21.59	23.00	1.384	-	-	-0.1	0.836	1.157
	LTE Band 30	10M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 11	27710	2310	22.58	23.70	1.294	-	-	0.05	0.452	0.585
	LTE Band 30	10M	QPSK	25	0	-	Bottom Side	5mm	Ant 0	DSI 11	27710	2310	21.62	23.00	1.374	-	-	0.15	0.458	0.629
	LTE Band 30_Other Path	10M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 11	27710	2310	22.58	23.70	1.294	-	-	0.07	0.945	1.223
	LTE Band 30	10M	QPSK	1	0	-	Front	5mm	Ant 1	DSI 11	27710	2310	20.85	22.00	1.303	-	-	-0.08	0.010	0.013
	LTE Band 30	10M	QPSK	25	0	-	Front	5mm	Ant 1	DSI 11	27710	2310	19.91	21.00	1.285	-	-	-0.08	0.006	0.008
	LTE Band 30	10M	QPSK	1	0	-	Back	5mm	Ant 1	DSI 11	27710	2310	20.85	22.00	1.303	-	-	0.01	0.218	0.284
	LTE Band 30	10M	QPSK	25	0	-	Back	5mm	Ant 1	DSI 11	27710	2310	19.91	21.00	1.285	-	-	-0.13	0.204	0.262
	LTE Band 30	10M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 11	27710	2310	20.85	22.00	1.303	-	-	0.01	0.133	0.173
	LTE Band 30	10M	QPSK	25	0	-	Left Side	5mm	Ant 1	DSI 11	27710	2310	19.91	21.00	1.285	-	-	-0.11	0.151	0.194
	LTE Band 30	10M	QPSK	1	0	-	Bottom Side	5mm	Ant 1	DSI 11	27710	2310	20.85	22.00	1.303	-	-	-0.12	0.201	0.262
	LTE Band 30	10M	QPSK	25	0	-	Bottom Side	5mm	Ant 1	DSI 11	27710	2310	19.91	21.00	1.285	-	-	0.07	0.208	0.267
	FR1 n30	10M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 2	DSI 11	462000	2310	18.58	19.50	1.236	-	-	-0.08	0.526	0.650
	FR1 n30	10M	QPSK	25	14	DFT-SCS-15KHz	Front	5mm	Ant 2	DSI 11	462000	2310	18.54	19.50	1.247	-	-	-0.16	0.526	0.656
	FR1 n30	10M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 2	DSI 11	462000	2310	18.58	19.50	1.236	-	-	-0.02	0.131	0.162
	FR1 n30	10M	QPSK	25	14	DFT-SCS-15KHz	Back	5mm	Ant 2	DSI 11	462000	2310	18.54	19.50	1.247	-	-	0.04	0.126	0.157
	FR1 n30	10M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 2	DSI 11	462000	2310	18.58	19.50	1.236	-	-	0.12	1.000	1.236
	FR1 n30	10M	QPSK	25	14	DFT-SCS-15KHz	Left Side	5mm	Ant 2	DSI 11	462000	2310	18.54	19.50	1.247	-	-	-0.18	0.919	1.146
	FR1 n30	10M	QPSK	50	0	DFT-SCS-15KHz	Left Side	5mm	Ant 2	DSI 11	462000	2310	18.54	19.50	1.247	-	-	-0.07	0.763	0.952
	FR1 n30	10M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 2	DSI 11	462000	2310	18.58	19.50	1.236	-	-	-0.14	0.010	0.012
	FR1 n30	10M	QPSK	25	14	DFT-SCS-15KHz	Right Side	5mm	Ant 2	DSI 11	462000	2310	18.54	19.50	1.247	-	-	-0.07	0.000	0.000
	FR1 n30	10M	QPSK	1	1	DFT-SCS-15KHz	Top Side	5mm	Ant 2	DSI 11	462000	2310	18.58	19.50	1.236	-	-	0.1	0.052	0.064
	FR1 n30	10M	QPSK	25	14	DFT-SCS-15KHz	Top Side	5mm	Ant 2	DSI 11	462000	2310	18.54	19.50	1.247	-	-	0.05	0.052	0.065
	FR1 n30	10M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 2	DSI 11	462000	2310	18.58	19.50	1.236	-	-	0.18	0.057	0.070
	FR1 n30	10M	QPSK	25	14	DFT-SCS-15KHz	Bottom Side	5mm	Ant 2	DSI 11	462000	2310	18.54	19.50	1.247	-	-	0.12	0.058	0.072
	FR1 n30_Other Path	10M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 2	DSI11	462000	2310	18.50	19.50	1.259	-	-	0.09	1.010	1.272
2600MHz																				
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 2	DSI 11	21100	2535	18.51	19.80	1.346	-	-	0.09	0.500	0.673
	LTE Band 7	20M	QPSK	50	0	-	Front	5mm	Ant 2	DSI 11	21100	2535	18.49	19.80	1.352	-	-	-0.13	0.296	0.400
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 2	DSI 11	21100	2535	18.51	19.80	1.346	-	-	-0.16	0.156	0.210
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 2	DSI 11	21100	2535	18.49	19.80	1.352	-	-	-0.05	0.080	0.108
	LTE Band 7	20M	QPSK	1	0	-	Left Side	5mm	Ant 2	DSI 11	21100	2535	18.51	19.80	1.346	-	-	-0.14	0.923	1.242
	LTE Band 7	20M	QPSK	1	0	-	Left Side	5mm	Ant 2	DSI 11	20850	2510	18.44	19.80	1.368	-	-	-0.14	0.942	1.288
	LTE Band 7	20M	QPSK	1	0	-	Left Side	5mm	Ant 2	DSI 11	21350	2560	18.32	19.80	1.406	-	-	-0.15	0.913	1.284
	LTE Band 7	20M	QPSK	50	0	-	Left Side	5mm	Ant 2	DSI 11	21100	2535	18.49	19.80	1.352	-	-	-0.12	0.485	0.656
	LTE Band 7	20M	QPSK	100	0	-	Left Side	5mm	Ant 2	DSI 11	21100	2535	18.48	19.80	1.355	-	-	0.01	0.481	0.652
	LTE Band 7	20M	QPSK	1	0	-	Right Side	5mm	Ant 2	DSI 11	21100	2535	18.51	19.80	1.346	-	-	0.02	0.032	0.043
	LTE Band 7	20M	QPSK	50	0	-	Right Side	5mm	Ant 2	DSI 11	21100	2535	18.49	19.80	1.352	-	-	-0.11	0.017	0.023
	LTE Band 7	20M	QPSK	1	0	-	Top Side	5mm	Ant 2	DSI 11	21100	2535	18.51	19.80	1.346	-	-	-0.01	0.091	0.122
	LTE Band 7	20M	QPSK	50	0	-	Top Side	5mm	Ant 2	DSI 11	21100	2535	18.49	19.80	1.352	-	-	0.09	0.052	0.070
	LTE Band 7	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 2	DSI 11	21100	2535	18.51	19.80	1.346	-	-	0.1	0.090	0.121

	LTE Band 7	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 2	DSI 11	21100	2535	18.49	19.80	1.352	-	-	-0.04	0.037	0.050
	LTE Band 7_Other Path	20M	QPSK	1	0	-	Left Side	5mm	Ant 2	DSI 11	20850	2510	18.44	19.80	1.368	-	-	0.01	0.905	1.238
	LTE Band 7C	20M	QPSK	1	99	-	Left Side	5mm	Ant 2	DSI 11	20850+ 21048	2510+ 2529.8	18.30	19.80	1.413	-	-	0.06	0.837	1.182
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 3	DSI 11	21100	2535	20.13	21.00	1.222	-	-	0.15	0.322	0.393
	LTE Band 7	20M	QPSK	50	0	-	Front	5mm	Ant 3	DSI 11	21100	2535	20.07	21.00	1.239	-	-	0.05	0.280	0.347
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 3	DSI 11	21100	2535	20.13	21.00	1.222	-	-	-0.18	0.092	0.112
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 3	DSI 11	21100	2535	20.07	21.00	1.239	-	-	-0.03	0.081	0.100
	LTE Band 7	20M	QPSK	1	0	-	Left Side	5mm	Ant 3	DSI 11	21100	2535	20.13	21.00	1.222	-	-	-0.04	0.134	0.164
	LTE Band 7	20M	QPSK	50	0	-	Left Side	5mm	Ant 3	DSI 11	21100	2535	20.07	21.00	1.239	-	-	-0.09	0.119	0.147
	LTE Band 7	20M	QPSK	1	0	-	Right Side	5mm	Ant 3	DSI 11	21100	2535	20.13	21.00	1.222	-	-	0.18	0.074	0.090
	LTE Band 7	20M	QPSK	50	0	-	Right Side	5mm	Ant 3	DSI 11	21100	2535	20.07	21.00	1.239	-	-	0.11	0.069	0.085
	LTE Band 7	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 3	DSI 11	21100	2535	20.13	21.00	1.222	-	-	0.07	0.848	1.036
	LTE Band 7	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 3	DSI 11	20850	2510	19.86	21.00	1.300	-	-	0.01	0.987	1.283
	LTE Band 7	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 3	DSI 11	21350	2560	19.95	21.00	1.274	-	-	-0.03	0.918	1.169
	LTE Band 7	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 3	DSI 11	21100	2535	20.07	21.00	1.239	-	-	0.09	0.747	0.925
	LTE Band 7	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 3	DSI 11	20850	2510	19.98	21.00	1.265	-	-	-0.08	0.806	1.019
	LTE Band 7	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 3	DSI 11	21350	2560	20.04	21.00	1.247	-	-	-0.05	0.811	1.012
	LTE Band 7	20M	QPSK	100	0	-	Bottom Side	5mm	Ant 3	DSI 11	21100	2535	20.00	21.00	1.259	-	-	-0.03	0.715	0.900
	LTE Band 7C	20M	QPSK	1	99	-	Bottom Side	5mm	Ant 3	DSI 11	20850+ 21048	2510+ 2529.8	19.76	21.00	1.330	-	-	0.09	0.895	1.191
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 0	DSI 11	21100	2535	21.03	22.20	1.309	-	-	0.17	0.191	0.250
	LTE Band 7	20M	QPSK	50	0	-	Front	5mm	Ant 0	DSI 11	21100	2535	20.83	22.00	1.309	-	-	-0.14	0.123	0.161
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 11	21100	2535	21.03	22.20	1.309	-	-	0.06	0.268	0.351
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 0	DSI 11	21100	2535	20.83	22.00	1.309	-	-	-0.06	0.172	0.225
	LTE Band 7	20M	QPSK	1	0	-	Left Side	5mm	Ant 0	DSI 11	21100	2535	21.03	22.20	1.309	-	-	-0.15	0.093	0.122
	LTE Band 7	20M	QPSK	50	0	-	Left Side	5mm	Ant 0	DSI 11	21100	2535	20.83	22.00	1.309	-	-	-0.12	0.052	0.068
	LTE Band 7	20M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 11	21100	2535	21.03	22.20	1.309	-	-	-0.16	0.938	1.228
	LTE Band 7	20M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 11	20850	2510	20.91	22.20	1.346	-	-	-0.03	0.908	1.222
	LTE Band 7	20M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 11	21350	2560	20.85	22.20	1.365	-	-	0.02	0.943	1.287
	LTE Band 7	20M	QPSK	50	0	-	Right Side	5mm	Ant 0	DSI 11	21100	2535	20.83	22.00	1.309	-	-	0.17	0.550	0.720
	LTE Band 7	20M	QPSK	100	0	-	Right Side	5mm	Ant 0	DSI 11	21100	2535	20.73	22.00	1.340	-	-	0.18	0.546	0.731
	LTE Band 7	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 11	21100	2535	21.03	22.20	1.309	-	-	-0.04	0.336	0.440
	LTE Band 7	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 0	DSI 11	21100	2535	20.83	22.00	1.309	-	-	-0.14	0.224	0.293
	LTE Band 7_Other Path	20M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 11	21350	2560	20.85	22.20	1.365	-	-	-0.1	0.894	1.220
	LTE Band 7C	20M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 11	21350+ 21152	2560+ 2540.2	20.67	22.20	1.422	-	-	0.02	0.825	1.173
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 1	DSI 11	21100	2535	23.02	24.00	1.253	-	-	0.16	0.070	0.088
	LTE Band 7	20M	QPSK	50	0	-	Front	5mm	Ant 1	DSI 11	21100	2535	22.08	23.00	1.236	-	-	0.06	0.066	0.082
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 1	DSI 11	21100	2535	23.02	24.00	1.253	-	-	-0.02	0.573	0.718
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 1	DSI 11	21100	2535	22.08	23.00	1.236	-	-	0.1	0.519	0.641
	LTE Band 7	20M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 11	21100	2535	23.02	24.00	1.253	-	-	0.18	0.619	0.776
	LTE Band 7	20M	QPSK	50	0	-	Left Side	5mm	Ant 1	DSI 11	21100	2535	22.08	23.00	1.236	-	-	-0.1	0.573	0.708
	LTE Band 7	20M	QPSK	1	0	-	Right Side	5mm	Ant 1	DSI 11	21100	2535	23.02	24.00	1.253	-	-	0.01	0.296	0.371
	LTE Band 7	20M	QPSK	50	0	-	Right Side	5mm	Ant 1	DSI 11	21100	2535	22.08	23.00	1.236	-	-	0.1	0.272	0.336
	LTE Band 7	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 1	DSI 11	21100	2535	23.02	24.00	1.253	-	-	0.11	0.490	0.614
	LTE Band 7	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 1	DSI 11	21100	2535	22.08	23.00	1.236	-	-	-0.07	0.439	0.543
	LTE Band 7C	20M	QPSK	1	99	-	Left Side	5mm	Ant 1	DSI 11	21100+ 21298	2535+ 2554.8	22.98	24.00	1.265	-	-	0.03	0.574	0.726
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 2	DSI 11	40620	2593	19.49	20.60	1.291	62.9	1.006	0.12	0.470	0.611
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 2	DSI 11	39750	2506	19.38	20.60	1.324	62.9	1.006	0.15	0.470	0.626
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 2	DSI 11	40185	2549.5	19.39	20.60	1.321	62.9	1.006	0.14	0.511	0.679
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 2	DSI 11	41055	2636.5	19.25	20.60	1.365	62.9	1.006	-0.03	0.587	0.806
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 2	DSI 11	41490	2680	19.37	20.60	1.327	62.9	1.006	-0.14	0.470	0.628
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 2	DSI 11	40620	2593	19.44	20.60	1.306	62.9	1.006	0.17	0.446	0.586
	LTE Band 41	20M	QPSK	100	0	-	Front	5mm	Ant 2	DSI 11	40620	2593	19.43	20.60	1.309	62.9	1.006	-0.13	0.456	0.601
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 2	DSI 11	40620	2593	19.49	20.60	1.291	62.9	1.006	0.16	0.138	0.179
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 2	DSI 11	40620	2593	19.44	20.60	1.306	62.9	1.006	-0.04	0.122	0.160
	LTE Band 41	20M	QPSK	1	0	-	Left Side	5mm	Ant 2	DSI 11	40620	2593	19.49	20.60	1.291	62.9	1.006	-0.15	0.917	1.191

	LTE Band 41	20M	QPSK	1	0	-	Left Side	5mm	Ant 2	DSI 11	39750	2506	19.38	20.60	1.324	62.9	1.006	0.05	0.841	1.120
	LTE Band 41	20M	QPSK	1	0	-	Left Side	5mm	Ant 2	DSI 11	40185	2549.5	19.39	20.60	1.321	62.9	1.006	0.13	0.872	1.159
	LTE Band 41	20M	QPSK	1	0	-	Left Side	5mm	Ant 2	DSI 11	41055	2636.5	19.25	20.60	1.365	62.9	1.006	-0.07	0.940	1.290
	LTE Band 41	20M	QPSK	1	0	-	Left Side	5mm	Ant 2	DSI 11	41490	2680	19.37	20.60	1.327	62.9	1.006	0.03	0.935	1.249
	LTE Band 41	20M	QPSK	50	0	-	Left Side	5mm	Ant 2	DSI 11	40620	2593	19.44	20.60	1.306	62.9	1.006	-0.12	0.723	0.950
	LTE Band 41	20M	QPSK	50	0	-	Left Side	5mm	Ant 2	DSI 11	39750	2506	19.39	20.60	1.321	62.9	1.006	-0.05	0.673	0.895
	LTE Band 41	20M	QPSK	50	0	-	Left Side	5mm	Ant 2	DSI 11	40185	2549.5	19.42	20.60	1.312	62.9	1.006	-0.07	0.696	0.919
	LTE Band 41	20M	QPSK	50	0	-	Left Side	5mm	Ant 2	DSI 11	41055	2636.5	19.42	20.60	1.312	62.9	1.006	0.1	0.809	1.068
	LTE Band 41	20M	QPSK	50	0	-	Left Side	5mm	Ant 2	DSI 11	41490	2680	19.36	20.60	1.330	62.9	1.006	-0.11	0.764	1.023
	LTE Band 41	20M	QPSK	100	0	-	Left Side	5mm	Ant 2	DSI 11	40620	2593	19.43	20.60	1.309	62.9	1.006	-0.02	0.786	1.035
	LTE Band 41	20M	QPSK	1	0	-	Right Side	5mm	Ant 2	DSI 11	40620	2593	19.49	20.60	1.291	62.9	1.006	-0.1	0.039	0.051
	LTE Band 41	20M	QPSK	50	0	-	Right Side	5mm	Ant 2	DSI 11	40620	2593	19.44	20.60	1.306	62.9	1.006	0.14	0.032	0.042
	LTE Band 41	20M	QPSK	1	0	-	Top Side	5mm	Ant 2	DSI 11	40620	2593	19.49	20.60	1.291	62.9	1.006	0.04	0.057	0.074
	LTE Band 41	20M	QPSK	50	0	-	Top Side	5mm	Ant 2	DSI 11	40620	2593	19.44	20.60	1.306	62.9	1.006	-0.05	0.049	0.064
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 2	DSI 11	40620	2593	19.49	20.60	1.291	62.9	1.006	-0.04	0.087	0.113
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 2	DSI 11	40620	2593	19.44	20.60	1.306	62.9	1.006	0.14	0.075	0.099
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Left Side	5mm	Ant 2	DSI 11	41055	2636.5	20.93	22.20	1.340	42.9	1.009	0.06	0.921	1.245
	LTE Band 41C	20M	QPSK	1	99	-	Left Side	5mm	Ant 2	DSI 11	41055+ 41253	2636.5+ 2656.3	19.08	20.60	1.419	62.9	1.006	0.01	0.822	1.173
	LTE Band 41C HPUE	20M	QPSK	1	99	-	Left Side	5mm	Ant 2	DSI 11	41055+ 41253	2636.5+ 2656.3	20.78	22.20	1.387	42.9	1.009	0.1	0.835	1.168
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 3	DSI 11	40620	2593	18.89	19.50	1.151	62.9	1.006	0.01	0.219	0.254
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 3	DSI 11	40620	2593	18.85	19.50	1.161	62.9	1.006	-0.06	0.183	0.214
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 3	DSI 11	40620	2593	18.89	19.50	1.151	62.9	1.006	0.12	0.036	0.042
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 3	DSI 11	40620	2593	18.85	19.50	1.161	62.9	1.006	0.09	0.031	0.036
	LTE Band 41	20M	QPSK	1	0	-	Left Side	5mm	Ant 3	DSI 11	40620	2593	18.89	19.50	1.151	62.9	1.006	-0.02	0.376	0.435
	LTE Band 41	20M	QPSK	50	0	-	Left Side	5mm	Ant 3	DSI 11	40620	2593	18.85	19.50	1.161	62.9	1.006	0.11	0.305	0.356
	LTE Band 41	20M	QPSK	1	0	-	Right Side	5mm	Ant 3	DSI 11	40620	2593	18.89	19.50	1.151	62.9	1.006	0.18	0.023	0.027
	LTE Band 41	20M	QPSK	50	0	-	Right Side	5mm	Ant 3	DSI 11	40620	2593	18.85	19.50	1.161	62.9	1.006	0.05	0.018	0.021
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 3	DSI 11	40620	2593	18.89	19.50	1.151	62.9	1.006	0.04	0.905	1.048
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 3	DSI 11	39750	2506	18.75	19.50	1.189	62.9	1.006	0.03	0.942	1.126
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 3	DSI 11	40185	2549.5	18.74	19.50	1.191	62.9	1.006	-0.1	0.970	1.162
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 3	DSI 11	41055	2636.5	18.72	19.50	1.197	62.9	1.006	0.14	0.955	1.150
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 3	DSI 11	41490	2680	18.55	19.50	1.245	62.9	1.006	-0.04	1.030	1.290
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 3	DSI 11	40620	2593	18.85	19.50	1.161	62.9	1.006	-0.16	0.915	1.069
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 3	DSI 11	39750	2506	18.72	19.50	1.197	62.9	1.006	0.1	0.899	1.082
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 3	DSI 11	40185	2549.5	18.70	19.50	1.202	62.9	1.006	-0.1	0.921	1.114
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 3	DSI 11	41055	2636.5	18.76	19.50	1.186	62.9	1.006	-0.05	0.878	1.047
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 3	DSI 11	41490	2680	18.79	19.50	1.178	62.9	1.006	-0.04	0.901	1.067
	LTE Band 41	20M	QPSK	100	0	-	Bottom Side	5mm	Ant 3	DSI 11	40620	2593	18.83	19.50	1.167	62.9	1.006	0.01	0.839	0.985
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 3	DSI 11	41490	2680	20.16	21.10	1.242	42.9	1.009	0.06	0.968	1.213
	LTE Band 41C	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 3	DSI 11	41490+ 41292	2680+ 2660.2	18.40	19.50	1.288	62.9	1.006	-0.17	0.922	1.195
	LTE Band 41C HPUE	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 3	DSI 11	41490+ 41292	2680+ 2660.2	20.06	21.10	1.271	42.9	1.009	0.04	0.894	1.146
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 0	DSI 11	40620	2593	23.45	24.00	1.135	62.9	1.006	0.03	0.096	0.110
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 0	DSI 11	40620	2593	22.50	23.00	1.122	62.9	1.006	-0.11	0.070	0.079
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 11	40620	2593	23.45	24.00	1.135	62.9	1.006	-0.16	0.291	0.332
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 0	DSI 11	40620	2593	22.50	23.00	1.122	62.9	1.006	0.15	0.234	0.264
	LTE Band 41	20M	QPSK	1	0	-	Left Side	5mm	Ant 0	DSI 11	40620	2593	23.45	24.00	1.135	62.9	1.006	-0.15	0.110	0.126
	LTE Band 41	20M	QPSK	50	0	-	Left Side	5mm	Ant 0	DSI 11	40620	2593	22.50	23.00	1.122	62.9	1.006	0.06	0.087	0.098
	LTE Band 41	20M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 11	40620	2593	23.45	24.00	1.135	62.9	1.006	0.15	0.696	0.795
	LTE Band 41	20M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 11	39750	2506	23.40	24.00	1.148	62.9	1.006	-0.1	0.618	0.714
	LTE Band 41	20M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 11	40185	2549.5	23.38	24.00	1.153	62.9	1.006	0.17	0.694	0.805
	LTE Band 41	20M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 11	41055	2636.5	23.37	24.00	1.156	62.9	1.006	0.13	0.624	0.726
	LTE Band 41	20M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 11	41490	2680	23.41	24.00	1.146	62.9	1.006	0.08	0.735	0.847
	LTE Band 41	20M	QPSK	50	0	-	Right Side	5mm	Ant 0	DSI 11	40620	2593	22.50	23.00	1.122	62.9	1.006	-0.02	0.550	0.621
	LTE Band 41	20M	QPSK	50	0	-	Right Side	5mm	Ant 0	DSI 11	39750	2506	22.36	23.00	1.159	62.9	1.006	0.19	0.504	0.588
	LTE Band 41	20M	QPSK	50	0	-	Right Side	5mm	Ant 0	DSI 11	40185	2549.5	22.36	23.00	1.159	62.9	1.006	0.1	0.639	0.745

	LTE Band 41	20M	QPSK	50	0	-	Right Side	5mm	Ant 0	DSI 11	41055	2636.5	22.31	23.00	1.172	62.9	1.006	0.13	0.605	0.713
	LTE Band 41	20M	QPSK	50	0	-	Right Side	5mm	Ant 0	DSI 11	41490	2680	22.45	23.00	1.135	62.9	1.006	-0.04	0.682	0.779
	LTE Band 41	20M	QPSK	100	0	-	Right Side	5mm	Ant 0	DSI 11	40620	2593	22.47	23.00	1.130	62.9	1.006	-0.12	0.575	0.654
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 11	40620	2593	23.45	24.00	1.135	62.9	1.006	-0.13	0.361	0.412
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 0	DSI 11	40620	2593	22.50	23.00	1.122	62.9	1.006	-0.01	0.271	0.306
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 11	41490	2680	25.36	26.40	1.271	42.9	1.009	0.01	0.801	1.027
	LTE Band 41C	20M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 11	41490+ 41292	2680+ 2660.2	23.27	24.00	1.183	62.9	1.006	-0.01	0.666	0.793
	LTE Band 41C HPUE	20M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 11	41490+ 41292	2680+ 2660.2	25.16	26.40	1.330	42.9	1.009	-0.08	0.722	0.969
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 1	DSI 11	40620	2593	23.96	25.00	1.271	62.9	1.006	-0.19	0.162	0.207
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 1	DSI 11	40620	2593	23.00	24.00	1.259	62.9	1.006	-0.03	0.145	0.184
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 1	DSI 11	40620	2593	23.96	25.00	1.271	62.9	1.006	-0.08	0.491	0.628
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 1	DSI 11	39750	2506	23.85	25.00	1.303	62.9	1.006	0.1	0.456	0.598
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 1	DSI 11	40185	2549.5	23.81	25.00	1.315	62.9	1.006	0.15	0.499	0.660
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 1	DSI 11	41055	2636.5	23.94	25.00	1.276	62.9	1.006	0.12	0.540	0.693
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 1	DSI 11	41490	2680	23.88	25.00	1.294	62.9	1.006	-0.12	0.520	0.677
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 1	DSI 11	40620	2593	23.00	24.00	1.259	62.9	1.006	-0.15	0.386	0.489
	LTE Band 41	20M	QPSK	100	0	-	Back	5mm	Ant 1	DSI 11	40620	2593	22.99	24.00	1.262	62.9	1.006	-0.19	0.285	0.362
	LTE Band 41	20M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 11	40620	2593	23.96	25.00	1.271	62.9	1.006	0.01	0.796	1.017
	LTE Band 41	20M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 11	39750	2506	23.85	25.00	1.303	62.9	1.006	-0.13	0.774	1.015
	LTE Band 41	20M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 11	40185	2549.5	23.81	25.00	1.315	62.9	1.006	-0.05	0.746	0.987
	LTE Band 41	20M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 11	41055	2636.5	23.94	25.00	1.276	62.9	1.006	-0.12	0.748	0.961
	LTE Band 41	20M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 11	41490	2680	23.88	25.00	1.294	62.9	1.006	0.18	0.746	0.971
	LTE Band 41	20M	QPSK	50	0	-	Left Side	5mm	Ant 1	DSI 11	40620	2593	23.00	24.00	1.259	62.9	1.006	0.14	0.637	0.807
	LTE Band 41	20M	QPSK	50	0	-	Left Side	5mm	Ant 1	DSI 11	39750	2506	22.90	24.00	1.288	62.9	1.006	0.03	0.620	0.804
	LTE Band 41	20M	QPSK	50	0	-	Left Side	5mm	Ant 1	DSI 11	40185	2549.5	22.81	24.00	1.315	62.9	1.006	0.09	0.577	0.763
	LTE Band 41	20M	QPSK	50	0	-	Left Side	5mm	Ant 1	DSI 11	41055	2636.5	22.95	24.00	1.274	62.9	1.006	-0.13	0.612	0.784
	LTE Band 41	20M	QPSK	50	0	-	Left Side	5mm	Ant 1	DSI 11	41490	2680	22.89	24.00	1.291	62.9	1.006	-0.09	0.568	0.738
	LTE Band 41	20M	QPSK	100	0	-	Left Side	5mm	Ant 1	DSI 11	40620	2593	22.99	24.00	1.262	62.9	1.006	-0.18	0.723	0.918
	LTE Band 41	20M	QPSK	1	0	-	Right Side	5mm	Ant 1	DSI 11	40620	2593	23.96	25.00	1.271	62.9	1.006	0.12	0.213	0.272
	LTE Band 41	20M	QPSK	50	0	-	Right Side	5mm	Ant 1	DSI 11	40620	2593	23.00	24.00	1.259	62.9	1.006	0.11	0.147	0.186
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 1	DSI 11	40620	2593	23.96	25.00	1.271	62.9	1.006	0.11	0.439	0.561
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 1	DSI 11	40620	2593	23.00	24.00	1.259	62.9	1.006	-0.06	0.270	0.342
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 11	40620	2593	26.02	27.00	1.253	42.9	1.009	-0.05	0.804	1.017
	LTE Band 41C	20M	QPSK	1	99	-	Left Side	5mm	Ant 1	DSI 11	40620+ 40818	2593+ 2612.8	23.84	25.00	1.306	62.9	1.006	0.05	0.688	0.904
	LTE Band 41C HPUE	20M	QPSK	1	99	-	Left Side	5mm	Ant 1	DSI 11	40620+ 40818	2593+ 2612.8	25.87	27.00	1.297	42.9	1.009	0.06	0.755	0.988
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 2	DSI 11	507000	2535	19.53	20.50	1.250	-	-	0.05	0.593	0.741
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Front	5mm	Ant 2	DSI 11	507000	2535	19.51	20.50	1.256	-	-	-0.14	0.628	0.789
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 2	DSI 11	507000	2535	19.53	20.50	1.250	-	-	0.05	0.155	0.194
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Back	5mm	Ant 2	DSI 11	507000	2535	19.51	20.50	1.256	-	-	0.13	0.159	0.200
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 2	DSI 11	507000	2535	19.53	20.50	1.250	-	-	0.05	0.981	1.227
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Left Side	5mm	Ant 2	DSI 11	507000	2535	19.51	20.50	1.256	-	-	0.04	1.020	1.281
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Left Side	5mm	Ant 2	DSI 11	507000	2535	19.45	20.50	1.274	-	-	-0.03	0.898	1.144
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 2	DSI 11	507000	2535	19.53	20.50	1.250	-	-	-0.12	0.033	0.041
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Right Side	5mm	Ant 2	DSI 11	507000	2535	19.51	20.50	1.256	-	-	-0.15	0.044	0.055
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Top Side	5mm	Ant 2	DSI 11	507000	2535	19.53	20.50	1.250	-	-	0.18	0.104	0.130
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Top Side	5mm	Ant 2	DSI 11	507000	2535	19.51	20.50	1.256	-	-	0.1	0.112	0.141
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 2	DSI 11	507000	2535	19.53	20.50	1.250	-	-	-0.05	0.066	0.083
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Bottom Side	5mm	Ant 2	DSI 11	507000	2535	19.51	20.50	1.256	-	-	-0.01	0.083	0.104
	FR1 n7_Other Path	50M	QPSK	135	68	DFT-SCS-15KHz	Left Side	5mm	Ant 2	DSI11	507000	2535	19.15	20.50	1.365	-	-	0.02	0.928	1.266
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 3	DSI 11	507000	2535	19.55	20.90	1.365	-	-	0.02	0.494	0.674
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Front	5mm	Ant 3	DSI 11	507000	2535	19.48	20.90	1.387	-	-	0.07	0.575	0.797
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 3	DSI 11	507000	2535	19.55	20.90	1.365	-	-	0.06	0.140	0.191
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Back	5mm	Ant 3	DSI 11	507000	2535	19.48	20.90	1.387	-	-	0.15	0.146	0.202
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 3	DSI 11	507000	2535	19.55	20.90	1.365	-	-	-0.06	0.148	0.202
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Left Side	5mm	Ant 3	DSI 11	507000	2535	19.48	20.90	1.387	-	-	-0.15	0.146	0.202

	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 3	DSI 11	507000	2535	19.55	20.90	1.365	-	-	-0.03	0.076	0.104
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Right Side	5mm	Ant 3	DSI 11	507000	2535	19.48	20.90	1.387	-	-	0.1	0.128	0.178
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 3	DSI 11	507000	2535	19.55	20.90	1.365	-	-	0.06	0.941	1.284
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Bottom Side	5mm	Ant 3	DSI 11	507000	2535	19.48	20.90	1.387	-	-	0.09	0.898	1.245
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Bottom Side	5mm	Ant 3	DSI 11	507000	2535	19.43	20.90	1.403	-	-	-0.02	0.841	1.180
	FR1 n7_Code 2	50M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 3	DSI 11	507000	2535	19.55	20.90	1.365	-	-	0.13	0.764	1.043
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 2	DSI 11	518598	2592.99	19.63	20.30	1.167	-	-	0.08	0.638	0.744
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 2	DSI 11	518598	2592.99	19.60	20.30	1.175	-	-	-0.15	0.627	0.737
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 2	DSI 11	518598	2592.99	19.63	20.30	1.167	-	-	-0.08	0.157	0.183
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 2	DSI 11	518598	2592.99	19.60	20.30	1.175	-	-	-0.16	0.146	0.172
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 2	DSI 11	518598	2592.99	19.63	20.30	1.167	-	-	0.18	0.937	1.093
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 2	DSI 11	518598	2592.99	19.60	20.30	1.175	-	-	0.03	1.000	1.175
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Left Side	5mm	Ant 2	DSI 11	518598	2592.99	19.58	20.30	1.180	-	-	-0.08	0.959	1.132
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 2	DSI 11	518598	2592.99	19.63	20.30	1.167	-	-	0.04	0.047	0.055
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 2	DSI 11	518598	2592.99	19.60	20.30	1.175	-	-	-0.07	0.045	0.053
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 2	DSI 11	518598	2592.99	19.63	20.30	1.167	-	-	0.13	0.111	0.130
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 2	DSI 11	518598	2592.99	19.60	20.30	1.175	-	-	-0.07	0.083	0.098
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 2	DSI 11	518598	2592.99	19.63	20.30	1.167	-	-	0.11	0.074	0.086
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 2	DSI 11	518598	2592.99	19.60	20.30	1.175	-	-	-0.12	0.073	0.086
	FR1 n41 HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 2	DSI 11	518598	2592.99	22.25	23.30	1.274	50	1.000	-0.03	1.010	1.286
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3	DSI 11	518598	2592.99	19.71	20.60	1.227	-	-	0.11	0.609	0.748
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 3	DSI 11	518598	2592.99	19.65	20.60	1.245	-	-	-0.08	0.466	0.580
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3	DSI 11	518598	2592.99	19.71	20.60	1.227	-	-	-0.08	0.153	0.188
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 3	DSI 11	518598	2592.99	19.65	20.60	1.245	-	-	-0.04	0.104	0.129
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 3	DSI 11	518598	2592.99	19.71	20.60	1.227	-	-	-0.08	0.190	0.233
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 3	DSI 11	518598	2592.99	19.65	20.60	1.245	-	-	0.17	0.110	0.137
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 3	DSI 11	518598	2592.99	19.71	20.60	1.227	-	-	0.18	0.119	0.146
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 3	DSI 11	518598	2592.99	19.65	20.60	1.245	-	-	-0.04	0.091	0.113
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3	DSI 11	518598	2592.99	19.71	20.60	1.227	-	-	0.02	1.030	1.264
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3	DSI 11	518598	2592.99	19.65	20.60	1.245	-	-	-0.13	0.901	1.121
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3	DSI 11	518598	2592.99	19.65	20.60	1.245	-	-	0.06	0.863	1.074
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3	DSI 11	518598	2592.99	22.68	23.60	1.236	50	1.000	-0.01	1.040	1.285
	FR1 n41_Code 2	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3	DSI 11	518598	2592.99	19.71	20.60	1.227	-	-	-0.01	0.850	1.043
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 0	DSI 11	518598	2592.99	22.55	23.80	1.334	-	-	-0.03	0.260	0.347
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 0	DSI 11	518598	2592.99	22.53	23.80	1.340	-	-	-0.03	0.123	0.165
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 0	DSI 11	518598	2592.99	22.55	23.80	1.334	-	-	0.08	0.355	0.473
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 0	DSI 11	518598	2592.99	22.53	23.80	1.340	-	-	-0.07	0.402	0.539
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 0	DSI 11	518598	2592.99	22.55	23.80	1.334	-	-	-0.11	0.079	0.105
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 0	DSI 11	518598	2592.99	22.53	23.80	1.340	-	-	-0.12	0.117	0.157
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 0	DSI 11	518598	2592.99	22.55	23.80	1.334	-	-	-0.06	0.955	1.274
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 0	DSI 11	518598	2592.99	22.53	23.80	1.340	-	-	0.03	0.811	1.086
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Right Side	5mm	Ant 0	DSI 11	518598	2592.99	21.72	23.00	1.343	-	-	-0.16	0.787	1.057
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 0	DSI 11	518598	2592.99	22.55	23.80	1.334	-	-	-0.02	0.026	0.035
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 0	DSI 11	518598	2592.99	22.53	23.80	1.340	-	-	0.15	0.030	0.040
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 0	DSI 11	518598	2592.99	22.55	23.80	1.334	-	-	-0.09	0.493	0.657
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 0	DSI 11	518598	2592.99	22.53	23.80	1.340	-	-	0.11	0.584	0.782
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 0	DSI 11	518598	2592.99	25.58	26.80	1.324	50	1.000	-0.05	0.918	1.216
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 1	DSI 11	518598	2592.99	23.39	24.00	1.151	-	-	-0.08	0.093	0.107
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 1	DSI 11	518598	2592.99	23.26	24.00	1.186	-	-	0.16	0.109	0.129
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 1	DSI 11	518598	2592.99	23.39	24.00	1.151	-	-	0.05	0.447	0.514
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 1	DSI 11	518598	2592.99	23.26	24.00	1.186	-	-	0.05	0.390	0.462
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 1	DSI 11	518598	2592.99	23.39	24.00	1.151	-	-	-0.03	0.612	0.704
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 1	DSI 11	518598	2592.99	23.26	24.00	1.186	-	-	0.01	0.620	0.735
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 1	DSI 11	518598	2592.99	23.39	24.00	1.151	-	-	-0.15	0.206	0.237
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 1	DSI 11	518598	2592.99	23.26	24.00	1.186	-	-	0.02	0.168	0.199
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 1	DSI 11	518598	2592.99	23.39	24.00	1.151	-	-	0.07	0.075	0.086

	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 1	DSI 11	518598	2592.99	23.26	24.00	1.186	-	-	0.16	0.059	0.070
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 1	DSI 11	518598	2592.99	23.39	24.00	1.151	-	-	0.13	0.512	0.589
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 1	DSI 11	518598	2592.99	23.26	24.00	1.186	-	-	-0.18	0.509	0.604
	FR1 n41 HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 1	DSI 11	518598	2592.99	26.25	27.00	1.189	50	1.000	-0.04	0.638	0.758
	3500-3900MHz																			
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	5mm	Ant 4	DSI 11	42590	3500	20.45	21.70	1.334	62.9	1.006	-0.02	0.300	0.402
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Front	5mm	Ant 4	DSI 11	42590	3500	20.41	21.70	1.346	62.9	1.006	0.02	0.203	0.275
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Back	5mm	Ant 4	DSI 11	42590	3500	20.45	21.70	1.334	62.9	1.006	0.03	0.044	0.059
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Back	5mm	Ant 4	DSI 11	42590	3500	20.41	21.70	1.346	62.9	1.006	-0.06	0.030	0.041
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Left Side	5mm	Ant 4	DSI 11	42590	3500	20.45	21.70	1.334	62.9	1.006	0.01	0.876	1.175
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Left Side	5mm	Ant 4	DSI 11	42190	3460	20.40	21.70	1.349	62.9	1.006	-0.14	0.952	1.292
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Left Side	5mm	Ant 4	DSI 11	42990	3540	20.38	21.70	1.355	62.9	1.006	-0.03	0.844	1.151
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Left Side	5mm	Ant 4	DSI 11	42590	3500	20.41	21.70	1.346	62.9	1.006	0.03	0.578	0.783
	LTE Band 42 Part 27Q	20M	QPSK	100	0	-	Left Side	5mm	Ant 4	DSI 11	42590	3500	20.39	21.70	1.352	62.9	1.006	-0.11	0.590	0.803
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Right Side	5mm	Ant 4	DSI 11	42590	3500	20.45	21.70	1.334	62.9	1.006	0.18	0.037	0.050
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Right Side	5mm	Ant 4	DSI 11	42590	3500	20.41	21.70	1.346	62.9	1.006	0.16	0.025	0.034
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 4	DSI 11	42590	3500	20.45	21.70	1.334	62.9	1.006	0.19	0.735	0.986
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 4	DSI 11	42190	3460	20.40	21.70	1.349	62.9	1.006	0.13	0.739	1.003
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 4	DSI 11	42990	3540	20.38	21.70	1.355	62.9	1.006	-0.03	0.809	1.103
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 4	DSI 11	42590	3500	20.41	21.70	1.346	62.9	1.006	0.12	0.463	0.627
	LTE Band 42 Part 27Q	20M	QPSK	100	0	-	Bottom Side	5mm	Ant 4	DSI 11	42590	3500	20.39	21.70	1.352	62.9	1.006	-0.12	0.441	0.600
	LTE Band 42C Part 27Q	20M	QPSK	1	99	-	Left Side	5mm	Ant 4	DSI 11	42190+ 42388	3460+ 3479.8	20.27	21.70	1.390	62.9	1.006	0.02	0.854	1.194
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	5mm	Ant 8	DSI 11	42590	3500	22.53	23.50	1.250	62.9	1.006	0.07	0.390	0.491
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Front	5mm	Ant 8	DSI 11	42590	3500	21.95	23.00	1.274	62.9	1.006	0.07	0.255	0.327
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Back	5mm	Ant 8	DSI 11	42590	3500	22.53	23.50	1.250	62.9	1.006	-0.04	0.076	0.096
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Back	5mm	Ant 8	DSI 11	42590	3500	21.95	23.00	1.274	62.9	1.006	0.02	0.050	0.064
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Left Side	5mm	Ant 8	DSI 11	42590	3500	22.53	23.50	1.250	62.9	1.006	-0.07	0.033	0.042
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Left Side	5mm	Ant 8	DSI 11	42590	3500	21.95	23.00	1.274	62.9	1.006	-0.08	0.036	0.046
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Right Side	5mm	Ant 8	DSI 11	42590	3500	22.53	23.50	1.250	62.9	1.006	0.01	1.020	1.283
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Right Side	5mm	Ant 8	DSI 11	42190	3460	22.35	23.50	1.303	62.9	1.006	0.12	0.873	1.144
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Right Side	5mm	Ant 8	DSI 11	42990	3540	22.25	23.50	1.334	62.9	1.006	-0.07	0.897	1.203
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Right Side	5mm	Ant 8	DSI 11	42590	3500	21.95	23.00	1.274	62.9	1.006	-0.05	0.633	0.811
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Right Side	5mm	Ant 8	DSI 11	42190	3460	21.88	23.00	1.294	62.9	1.006	-0.04	0.593	0.772
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Right Side	5mm	Ant 8	DSI 11	42990	3540	21.73	23.00	1.340	62.9	1.006	0.13	0.645	0.869
	LTE Band 42 Part 27Q	20M	QPSK	100	0	-	Right Side	5mm	Ant 8	DSI 11	42590	3500	22.00	23.00	1.259	62.9	1.006	-0.03	0.616	0.780
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Top Side	5mm	Ant 8	DSI 11	42590	3500	22.53	23.50	1.250	62.9	1.006	0.09	0.046	0.058
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Top Side	5mm	Ant 8	DSI 11	42590	3500	21.95	23.00	1.274	62.9	1.006	0.06	0.028	0.036
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 8	DSI 11	42590	3500	22.53	23.50	1.250	62.9	1.006	-0.04	0.118	0.148
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 8	DSI 11	42590	3500	21.95	23.00	1.274	62.9	1.006	0.17	0.076	0.097
	LTE Band 42C Part 27Q	20M	QPSK	1	99	-	Right Side	5mm	Ant 8	DSI 11	42590+ 42788	3500+ 3519.8	22.37	23.50	1.297	62.9	1.006	0.01	0.916	1.195
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	5mm	Ant 3	DSI 11	42590	3500	20.05	20.90	1.216	62.9	1.006	0.06	0.287	0.351
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Front	5mm	Ant 3	DSI 11	42590	3500	19.96	20.90	1.242	62.9	1.006	0.03	0.249	0.311
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Back	5mm	Ant 3	DSI 11	42590	3500	20.05	20.90	1.216	62.9	1.006	-0.08	0.068	0.083
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Back	5mm	Ant 3	DSI 11	42590	3500	19.96	20.90	1.242	62.9	1.006	0.06	0.049	0.061
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Left Side	5mm	Ant 3	DSI 11	42590	3500	20.05	20.90	1.216	62.9	1.006	0.15	0.045	0.055
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Left Side	5mm	Ant 3	DSI 11	42590	3500	19.96	20.90	1.242	62.9	1.006	-0.08	0.029	0.036
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Right Side	5mm	Ant 3	DSI 11	42590	3500	20.05	20.90	1.216	62.9	1.006	-0.05	0.041	0.050
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Right Side	5mm	Ant 3	DSI 11	42590	3500	19.96	20.90	1.242	62.9	1.006	-0.18	0.032	0.040
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 3	DSI 11	42590	3500	20.05	20.90	1.216	62.9	1.006	0.1	0.904	1.106
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 3	DSI 11	42190	3460	19.94	20.90	1.247	62.9	1.006	0.07	1.030	1.293
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 3	DSI 11	42990	3540	19.88	20.90	1.265	62.9	1.006	0.03	0.813	1.034
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 3	DSI 11	42590	3500	19.96	20.90	1.242	62.9	1.006	0.04	0.663	0.828
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 3	DSI 11	42190	3460	19.92	20.90	1.253	62.9	1.006	-0.09	0.665	0.838
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 3	DSI 11	42990	3540	19.86	20.90	1.271	62.9	1.006	0.14	0.652	0.833
	LTE Band 42 Part 27Q	20M	QPSK	100	0	-	Bottom Side	5mm	Ant 3	DSI 11	42590	3500	19.94	20.90	1.247	62.9	1.006	0.11	0.608	0.763
	LTE Band 42C Part 27Q	20M	QPSK	1	99	-	Bottom Side	5mm	Ant 3	DSI 11	42190+	3460+	19.78	20.90	1.294	62.9	1.006	0.06	0.912	1.187

												42388	3479.8							
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	5mm	Ant 5	DSI 11	42590	3500	19.78	21.10	1.355	62.9	1.006	-0.15	0.234	0.319
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Front	5mm	Ant 5	DSI 11	42590	3500	19.75	21.10	1.365	62.9	1.006	-0.16	0.150	0.206
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Back	5mm	Ant 5	DSI 11	42590	3500	19.78	21.10	1.355	62.9	1.006	0.08	0.084	0.115
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Back	5mm	Ant 5	DSI 11	42590	3500	19.75	21.10	1.365	62.9	1.006	-0.13	0.054	0.074
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Left Side	5mm	Ant 5	DSI 11	42590	3500	19.78	21.10	1.355	62.9	1.006	-0.04	0.038	0.052
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Left Side	5mm	Ant 5	DSI 11	42590	3500	19.75	21.10	1.365	62.9	1.006	0.17	0.025	0.034
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Right Side	5mm	Ant 5	DSI 11	42590	3500	19.78	21.10	1.355	62.9	1.006	0.18	0.045	0.061
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Right Side	5mm	Ant 5	DSI 11	42590	3500	19.75	21.10	1.365	62.9	1.006	0.03	0.030	0.041
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 5	DSI 11	42590	3500	19.78	21.10	1.355	62.9	1.006	0.01	0.942	1.284
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 5	DSI 11	42190	3460	19.73	21.10	1.371	62.9	1.006	0.01	0.860	1.186
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 5	DSI 11	42990	3540	19.68	21.10	1.387	62.9	1.006	0.04	0.896	1.250
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 5	DSI 11	42590	3500	19.75	21.10	1.365	62.9	1.006	-0.16	0.617	0.847
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 5	DSI 11	42190	3460	19.68	21.10	1.387	62.9	1.006	-0.12	0.587	0.819
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 5	DSI 11	42990	3540	19.60	21.10	1.413	62.9	1.006	-0.08	0.574	0.816
	LTE Band 42 Part 27Q	20M	QPSK	100	0	-	Bottom Side	5mm	Ant 5	DSI 11	42590	3500	19.72	21.10	1.374	62.9	1.006	-0.18	0.617	0.853
	LTE Band 42C Part 27Q	20M	QPSK	1	99	-	Bottom Side	5mm	Ant 5	DSI 11	42590+ 42788	3500+ 3519.8	19.65	21.10	1.396	62.9	1.006	0.03	0.844	1.186
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 4	DSI 11	55830	3609	19.21	20.50	1.346	62.9	1.006	0.02	0.350	0.474
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 4	DSI 11	55830	3609	19.15	20.50	1.365	62.9	1.006	-0.07	0.238	0.327
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 4	DSI 11	55830	3609	19.21	20.50	1.346	62.9	1.006	0.07	0.094	0.127
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 4	DSI 11	55830	3609	19.15	20.50	1.365	62.9	1.006	0.1	0.057	0.078
	LTE Band 48	20M	QPSK	1	0	-	Left Side	5mm	Ant 4	DSI 11	55830	3609	19.21	20.50	1.346	62.9	1.006	-0.09	0.872	1.181
	LTE Band 48	20M	QPSK	1	0	-	Left Side	5mm	Ant 4	DSI 11	55340	3560	19.04	20.50	1.400	62.9	1.006	0.02	0.893	1.257
	LTE Band 48	20M	QPSK	1	0	-	Left Side	5mm	Ant 4	DSI 11	56150	3641	19.15	20.50	1.365	62.9	1.006	0.17	0.936	1.285
	LTE Band 48	20M	QPSK	1	0	-	Left Side	5mm	Ant 4	DSI 11	56640	3690	19.13	20.50	1.371	62.9	1.006	-0.02	0.907	1.251
	LTE Band 48	20M	QPSK	50	0	-	Left Side	5mm	Ant 4	DSI 11	55830	3609	19.15	20.50	1.365	62.9	1.006	0.02	0.883	1.212
	LTE Band 48	20M	QPSK	50	0	-	Left Side	5mm	Ant 4	DSI 11	55340	3560	19.10	20.50	1.380	62.9	1.006	-0.08	0.814	1.130
	LTE Band 48	20M	QPSK	50	0	-	Left Side	5mm	Ant 4	DSI 11	56150	3641	19.05	20.50	1.396	62.9	1.006	-0.03	0.805	1.131
	LTE Band 48	20M	QPSK	50	0	-	Left Side	5mm	Ant 4	DSI 11	56640	3690	19.07	20.50	1.390	62.9	1.006	-0.06	0.853	1.193
	LTE Band 48	20M	QPSK	100	0	-	Left Side	5mm	Ant 4	DSI 11	55830	3609	19.14	20.50	1.368	62.9	1.006	0.18	0.862	1.186
	LTE Band 48	20M	QPSK	1	0	-	Right Side	5mm	Ant 4	DSI 11	55830	3609	19.21	20.50	1.346	62.9	1.006	0.01	0.024	0.032
	LTE Band 48	20M	QPSK	50	0	-	Right Side	5mm	Ant 4	DSI 11	55830	3609	19.15	20.50	1.365	62.9	1.006	0.03	0.017	0.023
	LTE Band 48	20M	QPSK	1	0	-	Top Side	5mm	Ant 4	DSI 11	55830	3609	19.21	20.50	1.346	62.9	1.006	-0.01	0.024	0.032
	LTE Band 48	20M	QPSK	50	0	-	Top Side	5mm	Ant 4	DSI 11	55830	3609	19.15	20.50	1.365	62.9	1.006	-0.18	0.016	0.022
	LTE Band 48	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 4	DSI 11	55830	3609	19.21	20.50	1.346	62.9	1.006	-0.05	0.211	0.286
	LTE Band 48	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 4	DSI 11	55830	3609	19.15	20.50	1.365	62.9	1.006	-0.11	0.143	0.196
	LTE Band 48C	20M	QPSK	1	99	-	Left Side	5mm	Ant 4	DSI 11	56150+ 56348	3641+ 3660.8	18.98	20.50	1.419	62.9	1.006	0.03	0.823	1.175
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 8	DSI 11	55830	3609	19.25	20.10	1.216	62.9	1.006	0.08	0.467	0.571
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 8	DSI 11	55830	3609	19.23	20.10	1.222	62.9	1.006	-0.08	0.290	0.356
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 8	DSI 11	55830	3609	19.25	20.10	1.216	62.9	1.006	0.08	0.095	0.116
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 8	DSI 11	55830	3609	19.23	20.10	1.222	62.9	1.006	-0.17	0.058	0.071
	LTE Band 48	20M	QPSK	1	0	-	Left Side	5mm	Ant 8	DSI 11	55830	3609	19.25	20.10	1.216	62.9	1.006	-0.03	0.061	0.075
	LTE Band 48	20M	QPSK	50	0	-	Left Side	5mm	Ant 8	DSI 11	55830	3609	19.23	20.10	1.222	62.9	1.006	0.14	0.039	0.048
	LTE Band 48	20M	QPSK	1	0	-	Right Side	5mm	Ant 8	DSI 11	55830	3609	19.25	20.10	1.216	62.9	1.006	0.11	0.952	1.165
	LTE Band 48	20M	QPSK	1	0	-	Right Side	5mm	Ant 8	DSI 11	55340	3560	19.13	20.10	1.250	62.9	1.006	-0.05	0.917	1.153
	LTE Band 48	20M	QPSK	1	0	-	Right Side	5mm	Ant 8	DSI 11	56150	3641	19.12	20.10	1.253	62.9	1.006	0.18	1.020	1.286
	LTE Band 48	20M	QPSK	1	0	-	Right Side	5mm	Ant 8	DSI 11	56640	3690	19.19	20.10	1.233	62.9	1.006	0.02	1.040	1.290
	LTE Band 48	20M	QPSK	50	0	-	Right Side	5mm	Ant 8	DSI 11	55830	3609	19.23	20.10	1.222	62.9	1.006	0.14	0.610	0.750
	LTE Band 48	20M	QPSK	50	0	-	Right Side	5mm	Ant 8	DSI 11	55340	3560	19.20	20.10	1.230	62.9	1.006	-0.17	0.559	0.692
	LTE Band 48	20M	QPSK	50	0	-	Right Side	5mm	Ant 8	DSI 11	56150	3641	19.19	20.10	1.233	62.9	1.006	0.17	0.658	0.816
	LTE Band 48	20M	QPSK	50	0	-	Right Side	5mm	Ant 8	DSI 11	56640	3690	19.13	20.10	1.250	62.9	1.006	-0.05	0.665	0.836
	LTE Band 48	20M	QPSK	100	0	-	Right Side	5mm	Ant 8	DSI 11	55830	3609	19.21	20.10	1.227	62.9	1.006	0.01	0.573	0.708
	LTE Band 48	20M	QPSK	1	0	-	Top Side	5mm	Ant 8	DSI 11	55830	3609	19.25	20.10	1.216	62.9	1.006	0.1	0.042	0.051
	LTE Band 48	20M	QPSK	50	0	-	Top Side	5mm	Ant 8	DSI 11	55830	3609	19.23	20.10	1.222	62.9	1.006	-0.17	0.028	0.034
	LTE Band 48	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 8	DSI 11	55830	3609	19.25	20.10	1.216	62.9	1.006	0.04	0.107	0.131
	LTE Band 48	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 8	DSI 11	55830	3609	19.23	20.10	1.222	62.9	1.006	-0.01	0.065	0.080

	LTE Band 48C	20M	QPSK	1	0	-	Right Side	5mm	Ant 8	DSI 11	56640+ 56442	3690+ 3670.2	19.00	20.10	1.288	62.9	1.006	0.03	0.921	1.194
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 3	DSI 11	55830	3609	22.13	22.90	1.194	62.9	1.006	0.08	0.308	0.370
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 3	DSI 11	55830	3609	22.09	22.90	1.205	62.9	1.006	-0.08	0.209	0.253
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 3	DSI 11	55830	3609	22.13	22.90	1.194	62.9	1.006	-0.18	0.119	0.143
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 3	DSI 11	55830	3609	22.09	22.90	1.205	62.9	1.006	0.1	0.073	0.088
	LTE Band 48	20M	QPSK	1	0	-	Left Side	5mm	Ant 3	DSI 11	55830	3609	22.13	22.90	1.194	62.9	1.006	0.12	0.070	0.084
	LTE Band 48	20M	QPSK	50	0	-	Left Side	5mm	Ant 3	DSI 11	55830	3609	22.09	22.90	1.205	62.9	1.006	0.08	0.045	0.055
	LTE Band 48	20M	QPSK	1	0	-	Right Side	5mm	Ant 3	DSI 11	55830	3609	22.13	22.90	1.194	62.9	1.006	-0.17	0.045	0.054
	LTE Band 48	20M	QPSK	50	0	-	Right Side	5mm	Ant 3	DSI 11	55830	3609	22.09	22.90	1.205	62.9	1.006	-0.03	0.036	0.044
	LTE Band 48	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 3	DSI 11	55830	3609	22.13	22.90	1.194	62.9	1.006	-0.05	0.921	1.106
	LTE Band 48	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 3	DSI 11	55340	3560	21.90	22.90	1.259	62.9	1.006	-0.05	1.020	1.292
	LTE Band 48	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 3	DSI 11	56150	3641	22.06	22.90	1.213	62.9	1.006	0.18	0.938	1.145
	LTE Band 48	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 3	DSI 11	56640	3690	22.01	22.90	1.227	62.9	1.006	0.14	0.899	1.110
	LTE Band 48	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 3	DSI 11	55830	3609	22.09	22.90	1.205	62.9	1.006	-0.17	0.513	0.622
	LTE Band 48	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 3	DSI 11	55340	3560	21.98	22.90	1.236	62.9	1.006	0.17	0.532	0.661
	LTE Band 48	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 3	DSI 11	56150	3641	22.03	22.90	1.222	62.9	1.006	-0.05	0.562	0.691
	LTE Band 48	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 3	DSI 11	56640	3690	22.01	22.90	1.227	62.9	1.006	0.01	0.551	0.680
	LTE Band 48	20M	QPSK	100	0	-	Bottom Side	5mm	Ant 3	DSI 11	55830	3609	22.07	22.90	1.211	62.9	1.006	0.1	0.529	0.644
	LTE Band 48C	20M	QPSK	1	99	-	Bottom Side	5mm	Ant 3	DSI 11	55340+ 55538	3560+ 3579.8	21.72	22.90	1.312	62.9	1.006	0.02	0.906	1.196
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 5	DSI 11	55830	3609	21.24	22.30	1.276	62.9	1.006	-0.17	0.300	0.385
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 5	DSI 11	55830	3609	21.19	22.30	1.291	62.9	1.006	0.05	0.177	0.230
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 5	DSI 11	55830	3609	21.24	22.30	1.276	62.9	1.006	0.12	0.078	0.100
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 5	DSI 11	55830	3609	21.19	22.30	1.291	62.9	1.006	0.03	0.050	0.065
	LTE Band 48	20M	QPSK	1	0	-	Right Side	5mm	Ant 5	DSI 11	55830	3609	21.24	22.30	1.276	62.9	1.006	-0.1	0.050	0.064
	LTE Band 48	20M	QPSK	50	0	-	Right Side	5mm	Ant 5	DSI 11	55830	3609	21.19	22.30	1.291	62.9	1.006	0.07	0.033	0.043
	LTE Band 48	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 5	DSI 11	55830	3609	21.24	22.30	1.276	62.9	1.006	0.08	1.000	1.284
	LTE Band 48	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 5	DSI 11	55340	3560	21.15	22.30	1.303	62.9	1.006	0.18	0.891	1.168
	LTE Band 48	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 5	DSI 11	56150	3641	21.16	22.30	1.300	62.9	1.006	-0.1	0.912	1.193
	LTE Band 48	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 5	DSI 11	56640	3690	21.13	22.30	1.309	62.9	1.006	0.01	0.859	1.131
	LTE Band 48	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 5	DSI 11	55830	3609	21.19	22.30	1.291	62.9	1.006	-0.15	0.592	0.769
	LTE Band 48	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 5	DSI 11	55340	3560	21.18	22.30	1.294	62.9	1.006	0.19	0.562	0.732
	LTE Band 48	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 5	DSI 11	56150	3641	21.12	22.30	1.312	62.9	1.006	0.07	0.585	0.772
	LTE Band 48	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 5	DSI 11	56640	3690	21.17	22.30	1.297	62.9	1.006	-0.18	0.594	0.775
	LTE Band 48	20M	QPSK	100	0	-	Bottom Side	5mm	Ant 5	DSI 11	55830	3609	21.18	22.30	1.294	62.9	1.006	0.03	0.588	0.766
	LTE Band 48C	20M	QPSK	1	99	-	Bottom Side	5mm	Ant 5	DSI 11	55830+ 56028	3609+ 3628.8	21.10	22.30	1.318	62.9	1.006	0.05	0.903	1.198
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4	DSI 11	641666	3624.99	18.03	19.10	1.279	-	-	0.02	0.529	0.677
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 4	DSI 11	641666	3624.99	18.01	19.10	1.285	-	-	0.16	0.554	0.712
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4	DSI 11	641666	3624.99	18.03	19.10	1.279	-	-	0.07	0.078	0.100
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 4	DSI 11	641666	3624.99	18.01	19.10	1.285	-	-	-0.04	0.121	0.156
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 4	DSI 11	641666	3624.99	18.03	19.10	1.279	-	-	0.01	0.948	1.213
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 4	DSI 11	638000	3570	17.87	19.10	1.327	-	-	-0.05	0.912	1.211
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 4	DSI 11	645332	3679.98	17.94	19.10	1.306	-	-	-0.09	0.921	1.203
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Side	5mm	Ant 4	DSI 11	641666	3624.99	18.01	19.10	1.285	-	-	0.04	0.993	1.276
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Side	5mm	Ant 4	DSI 11	638000	3570	17.91	19.10	1.315	-	-	-0.13	0.955	1.256
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Side	5mm	Ant 4	DSI 11	645332	3679.98	17.94	19.10	1.306	-	-	-0.01	0.933	1.219
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Left Side	5mm	Ant 4	DSI 11	641666	3624.99	17.99	19.10	1.291	-	-	-0.01	0.979	1.264
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 4	DSI 11	641666	3624.99	18.03	19.10	1.279	-	-	-0.06	0.041	0.052
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	5mm	Ant 4	DSI 11	641666	3624.99	18.01	19.10	1.285	-	-	-0.04	0.036	0.046
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 4	DSI 11	641666	3624.99	18.03	19.10	1.279	-	-	-0.09	0.021	0.027
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	5mm	Ant 4	DSI 11	641666	3624.99	18.01	19.10	1.285	-	-	-0.17	0.026	0.033
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4	DSI 11	641666	3624.99	18.03	19.10	1.279	-	-	-0.1	0.748	0.957
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4	DSI 11	638000	3570	17.87	19.10	1.327	-	-	0.05	0.711	0.944
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4	DSI 11	645332	3679.98	17.94	19.10	1.306	-	-	0.02	0.726	0.948
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4	DSI 11	641666	3624.99	18.01	19.10	1.285	-	-	0.18	0.653	0.839
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4	DSI 11	638000	3570	17.91	19.10	1.315	-	-	-0.13	0.630	0.829