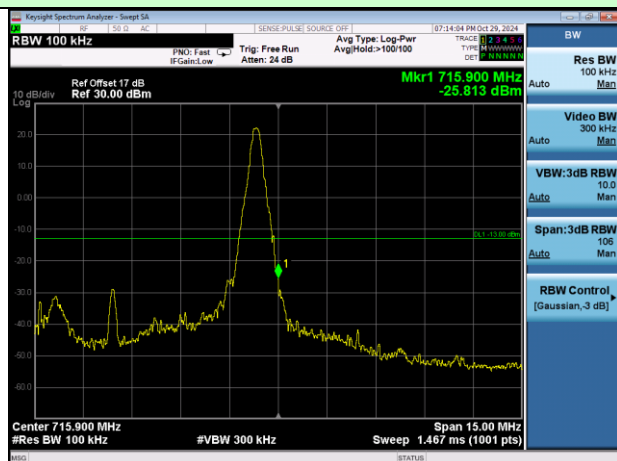




Highest channel



Highest channel

Test Mode: LTE Band 13 / 5MHz / 1RB / QPSK

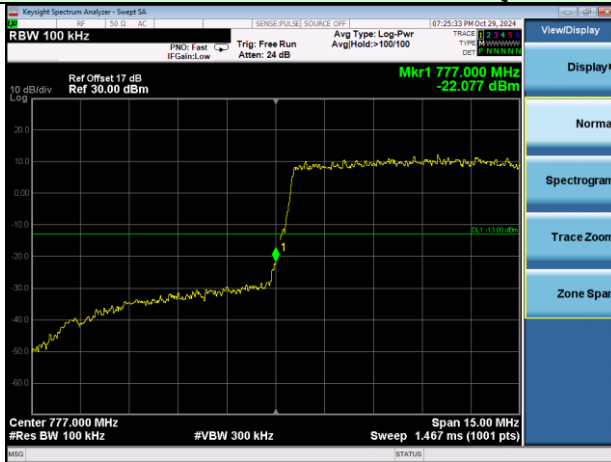


Lowest channel



Highest channel

Test Mode: LTE Band 13 / 5MHz / 25RB / QPSK

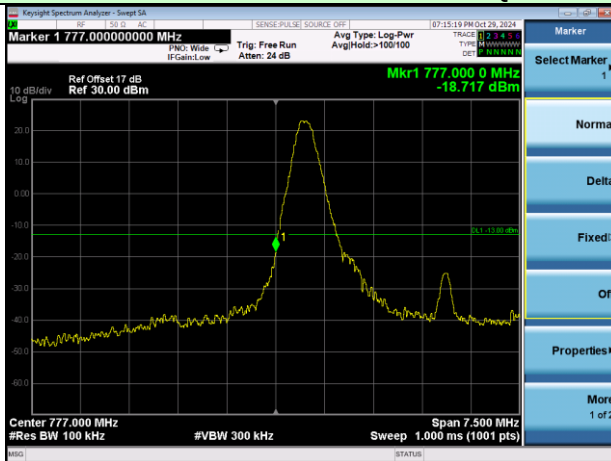


Lowest channel

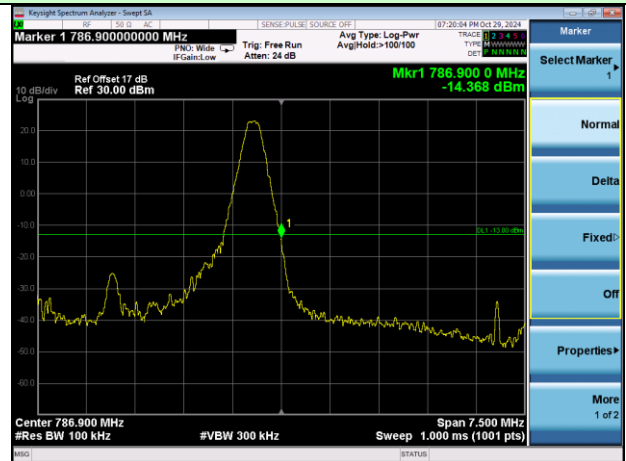


Highest channel

Test Mode: LTE Band 13 / 10MHz / 1RB / QPSK

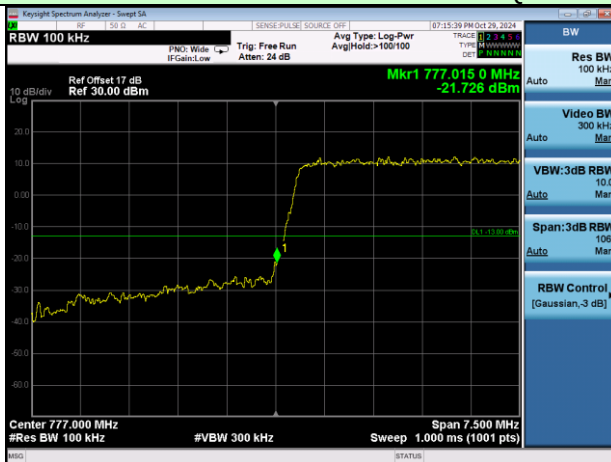


Middle channel



Middle channel

Test Mode: LTE Band 13 / 10MHz / 50RB / QPSK



Middle channel

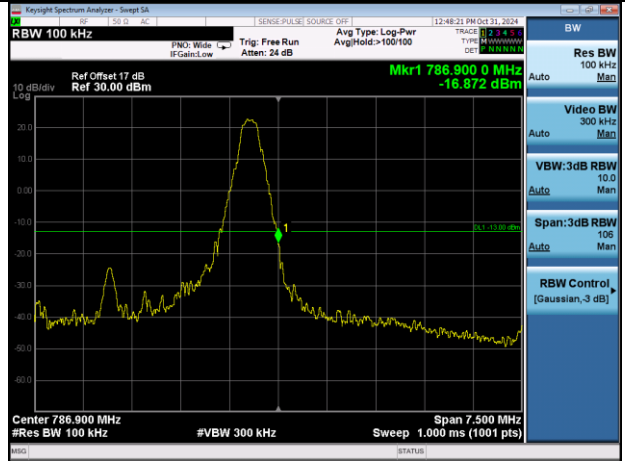


Middle channel

Test Mode: LTE Band 13 / 5MHz / 1RB / 16-QAM

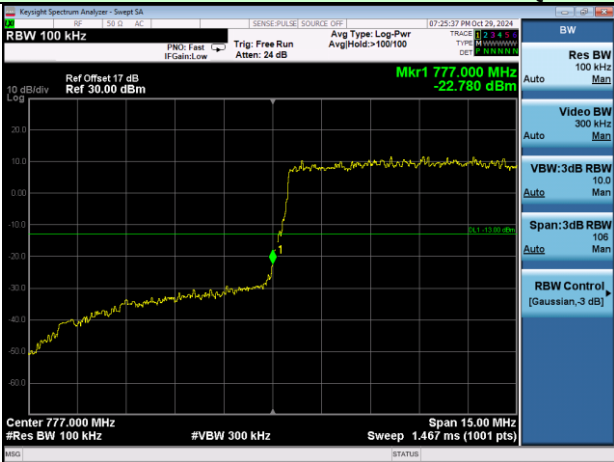


Lowest channel



Highest channel

Test Mode: LTE Band 13 / 5MHz / 25RB / 16-QAM

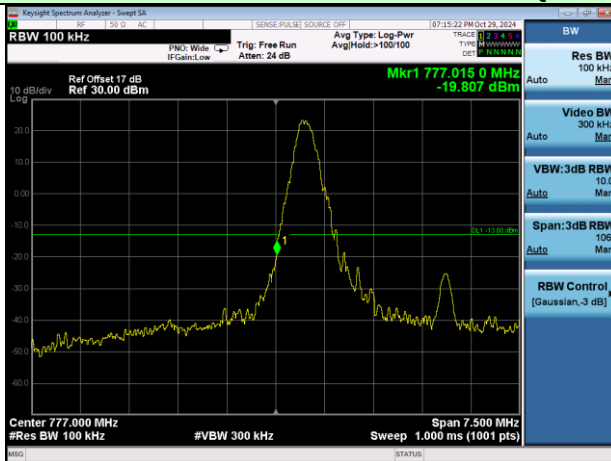


Lowest channel

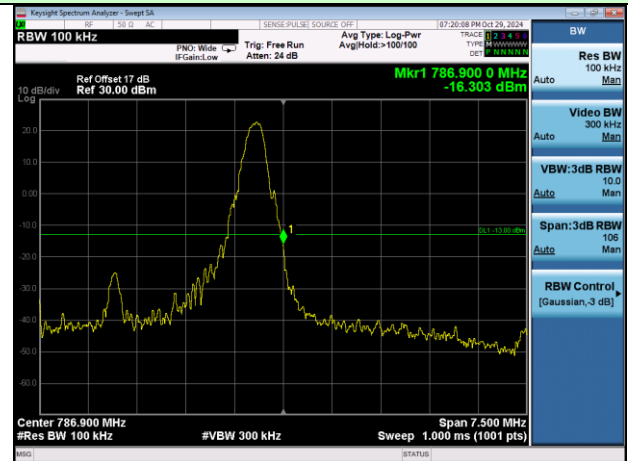


Highest channel

Test Mode: LTE Band 13 / 10MHz / 1RB / 16-QAM

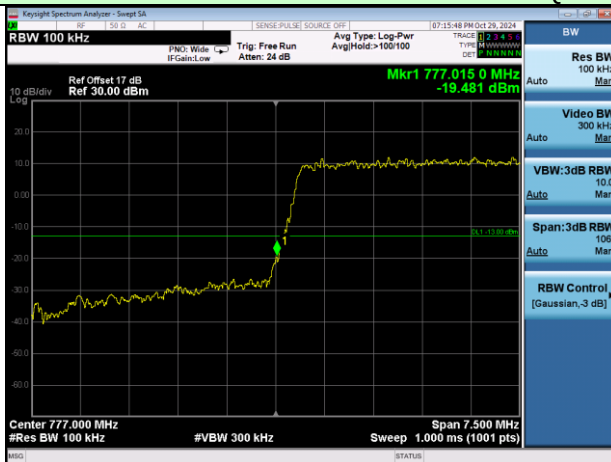


Middle channel



Middle channel

Test Mode: LTE Band 13 / 10MHz / 50RB / 16-QAM

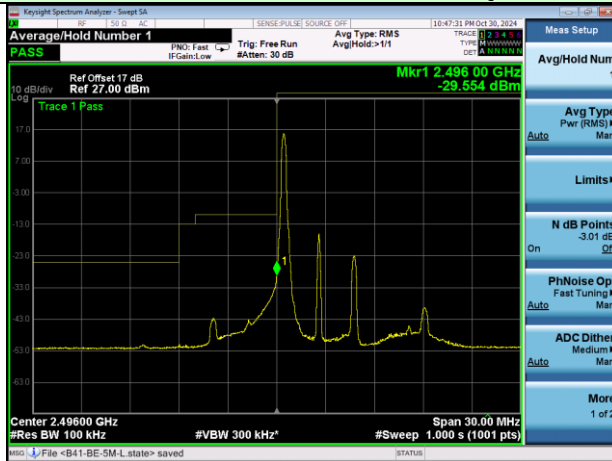


Middle channel



Middle channel

Test Mode: LTE Band 41 / 5MHz / 1RB / QPSK

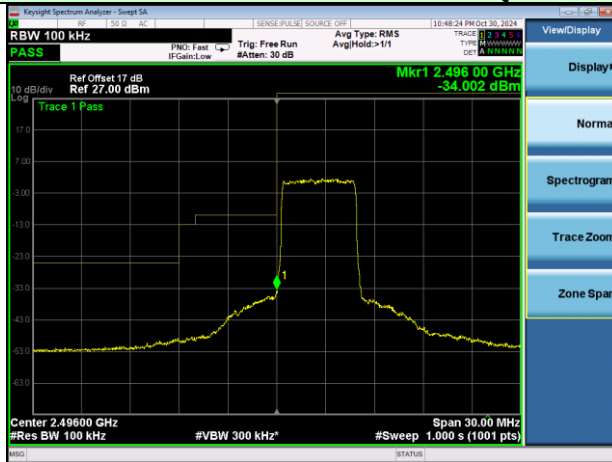


Lowest channel



Highest channel

Test Mode: LTE Band 41 / 5MHz / 25RB / QPSK

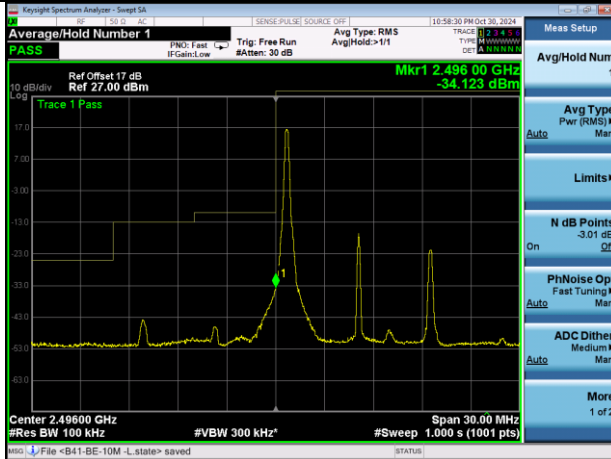


Lowest channel

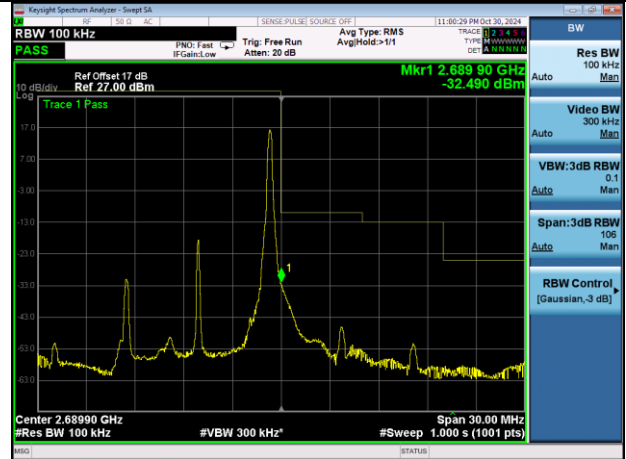


Highest channel

Test Mode: LTE Band 41 / 10MHz / 1RB / QPSK



Lowest channel



Highest channel

Test Mode: LTE Band 41 / 10MHz / 50RB / QPSK



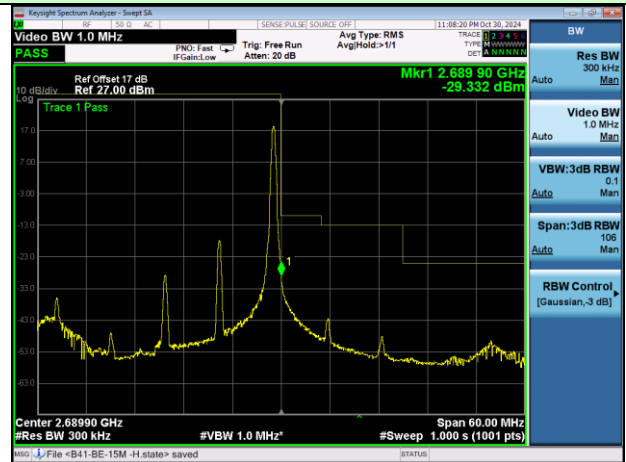
Lowest channel



Highest channel

The screenshot displays the Keysight Spectrum Analyzer interface. The main plot shows a spectrum with a prominent peak at 2.496 GHz, labeled 'Mkr1 2.496 00 GHz -29.343 dBm'. The y-axis is labeled '10 dB/div' and 'Log'. The x-axis is labeled 'Center 2.49600 GHz' and 'Span 60.00 MHz'. The plot is titled 'RBW 300 kHz' and 'PASS'. The right sidebar shows various settings: 'BW 300 kHz', 'Video BW 1.0 MHz', 'VBW:3dB RBW 0.1', 'Span:3dB RBW 106', and 'RBW Control [Gaussian,-3 dB]'. The bottom status bar shows 'MSG', 'STATUS', and '1.000 s (1001 pts)'.

Highest channel



Keysight Spectrum Analyzer - Sweep 1

SENSE-PULSE SOURCE OFF

11:06:38 PM Oct 30, 2024

RBW 300 kHz

PASS

PN1: Fast IF Gain: Low

Trig: Free Run #Atten: 30 dB

Avg Type: RMS Avg/Hold: 1/1

Trace 1 Pass

Mkr1 2.496 00 GHz -32.748 dBm

Ref Offset 17 dB Ref 27.00 dBm

10 dB/Div Log

Center 2.49600 GHz #Res BW 300 kHz #VBW 1.0 MHz* #Sweep 1.000 s (1001 pts)

Span 60.00 MHz

VBW:3dB RBW 3.0 dB

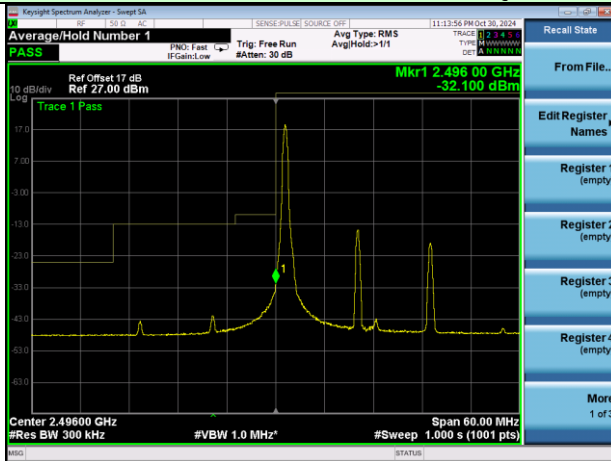
Span:3dB RBW 106

RBW Control [Gaussian, -3 dB]

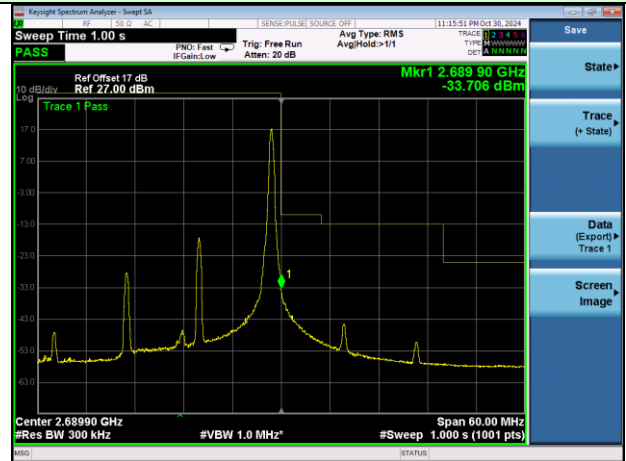
Highest channel



Test Mode: LTE Band 41 / 20MHz / 1RB / QPSK



Lowest channel



Highest channel

Test Mode: LTE Band 41 / 20MHz / 100RB / QPSK

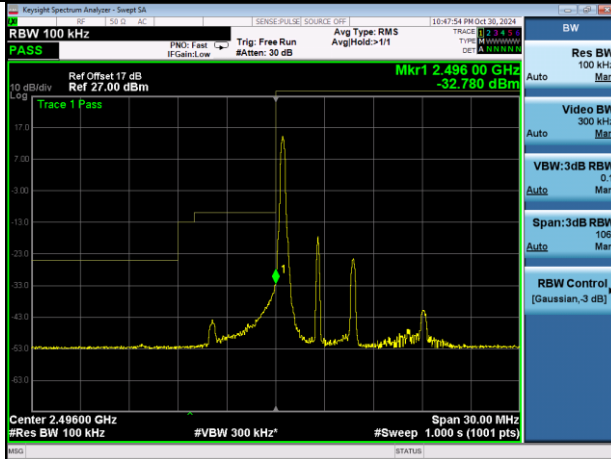


Lowest channel

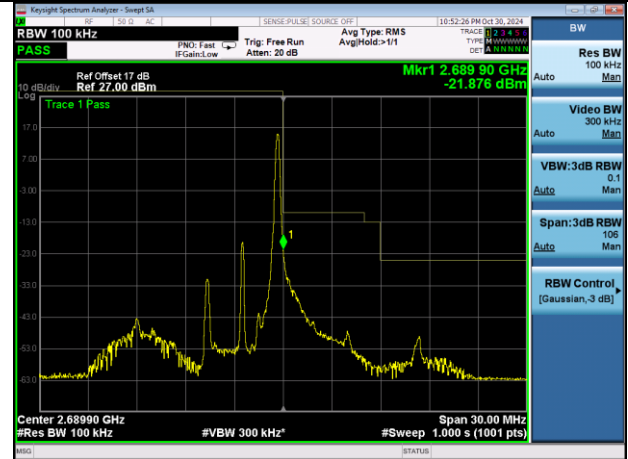


Highest channel

Test Mode: LTE Band 41 / 5MHz / 1RB / 16-QAM



Lowest channel



Highest channel

Test Mode: LTE Band 41 / 5MHz / 25RB / 16-QAM

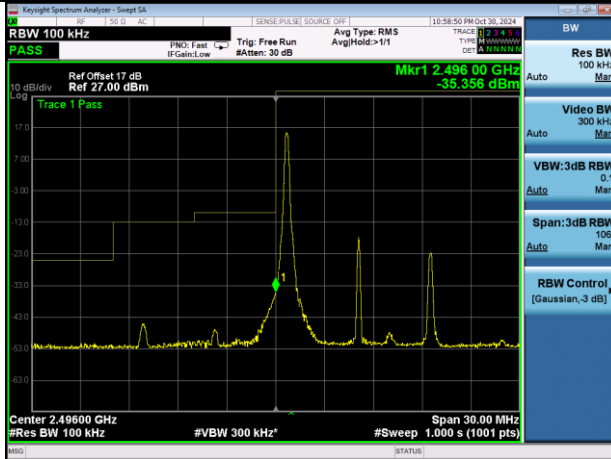


Lowest channel

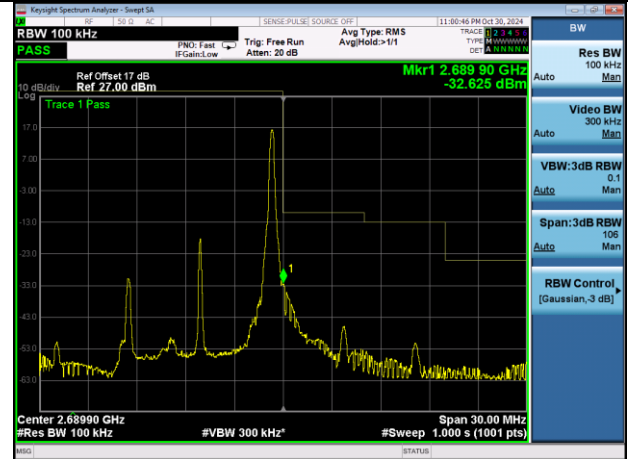


Highest channel

Test Mode: LTE Band 41 / 10MHz / 1 RB / 16-QAM



Lowest channel



Highest channel

Test Mode: LTE Band 41 / 10MHz / 50RB / 16-QAM



Lowest channel



Highest channel

Keysight Spectrum Analyzer - Setup SA

RF F F S G D AC 1 SENSE-PULSE SOURCE Off 11:55:24 PM Oct 30, 2024

RBW 300 kHz **PASS** FNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: RMS Avg Hold: 1/1 TRAC1 2.496 GHz TYPE H-MANUAL DEF 1

Ref Offset 17 dB Ref 27.00 dBm Mkr1 2.496 00 GHz -30.247 dBm

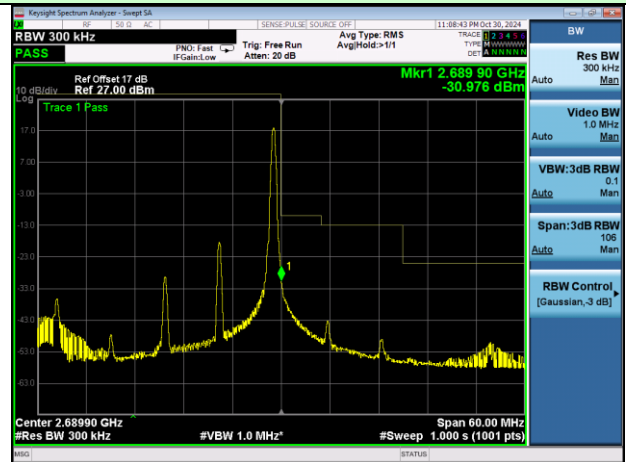
10 dB/div Log

Trace 1 Pass

Center 2.49600 GHz #Res BW 300 kHz #VBW 1.0 MHz* Span 60.00 MHz #Sweep 1.000 s (1001 pts)

RBW 300 kHz Auto Man Video BW 1.0 MHz Auto Man VBW:3dB RBW 0.1 Auto Man Span:3dB RBW 106 Auto Man RBW Control [Gaussian,-3 dB]

Highest channel



Keysight Spectrum Analyzer - Sweep 55

SENSE-PULSE SOURCE OFF 11:06:45 PM Oct 30, 2024

RBW 300 kHz

PNO: Fast IF Gain: Low Trig: Free Run Avg Type: RMS

PASS #Atten: 30 dB AvgHold: 1/1

TRACE 1: 2.496 GHz

TYPE: H Res BW: 300 kHz

DEF: A

10 dB/div

Ref Offset 17 dB

Ref 27.00 dBm

Mkr1 2.496 00 GHz -33.150 dBm

Trace 1 Pass

Center 2.49600 GHz

#Res BW 300 kHz

#VBW 1.0 MHz

#Sweep 1.000 s (1001 pts)

Span 60.00 MHz

RBW Control [Gaussian, -3 dB]

Auto

Video BW 1.0 MHz

VBW: 3dB RBW

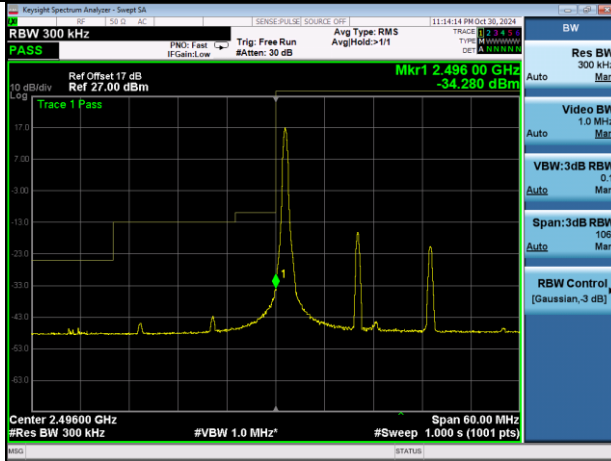
Span: 3dB RBW

RBW Control [Gaussian, -3 dB]

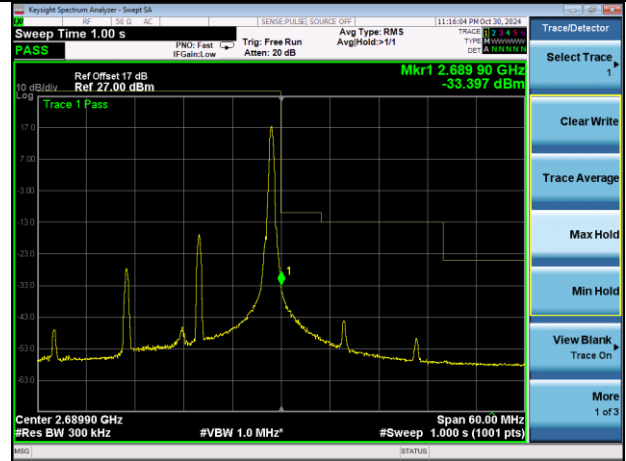
Highest channel



Test Mode: LTE Band 41 / 20MHz / 1RB / 16-QAM

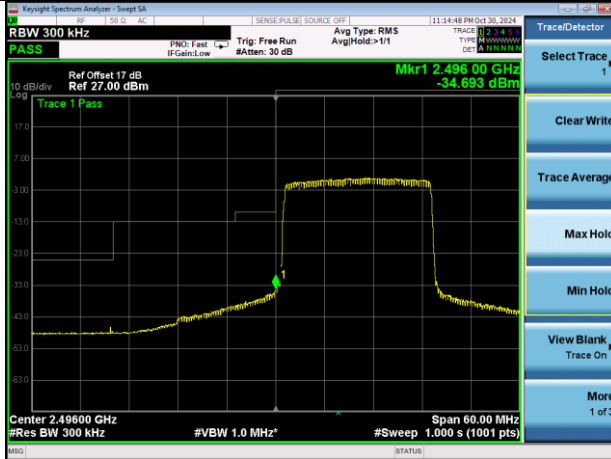


Lowest channel



Highest channel

Test Mode: LTE Band 41 / 20MHz / 100RB / 16-QAM



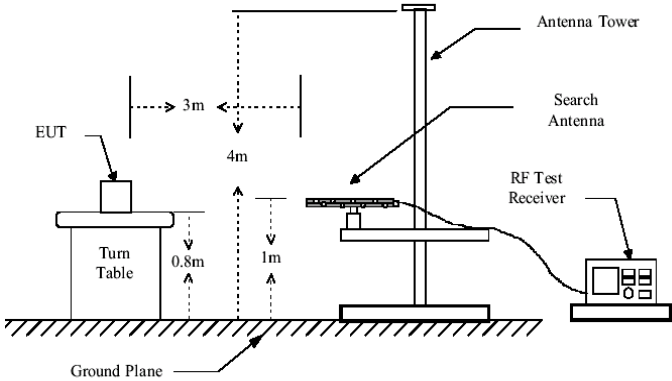
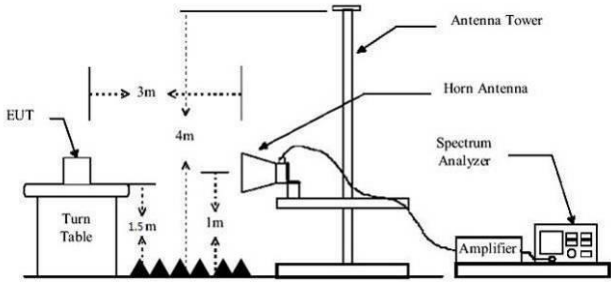
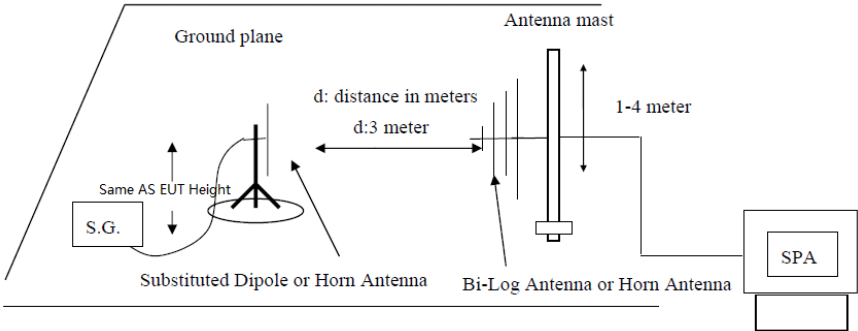
Lowest channel



Highest channel

Note: All bandwidth and modulation are tested, only the worst result is reported.

4.8 ERP, EIRP Measurement

Test Requirement:	FCC part22.913(a), FCC part24.232(b), FCC part 27.50(h) and FCC part 27.53
Test Method:	ANSI C63.26:2015
Limit:	LTE Band 2: 2W (EIRP) LTE Band 4: 1W (EIRP) LTE Band 5(Upper Band): [7W (ERP) for FCC] LTE Band 7: 2W (EIRP) LTE Band 12: 2W (ERP) LTE Band 13: 2W (ERP) LTE Band 41: 2W (EIRP)
Test setup:	Below 1GHz  Above 1GHz  Substituted method: 

Test Procedure:	1. The EUT was placed on an non-conductive turntable using a non-conductive support. The radiated emission at the fundamental frequency was measured at 3 m with a test antenna and EMI spectrum analyzer. 2. During the measurement, the EUT was communication with the station. The highest emission was recorded with the rotation of the turntable and the lowering of the test antenna from 4m to 1m. The reading was recorded and the field strength (E in dBuV/m) was calculated. 3. ERP were measured using a substitution method. The EUT was replaced by dipole antenna connected, the S.G. output was recorded and ERP was calculated asfollows: $\text{ERP} = \text{S.G. output (dBm)} + \text{Antenna Gain (dBd)} - \text{Cable Loss (dB)}$ 4. EIRP were measured using a substitution method. The EUT was replaced by or horn antenna connected, the S.G. output was recorded and EIRP was calculated as follows: $\text{EIRP} = \text{S.G. output (dBm)} + \text{Antenna Gain (dBi)} - \text{Cable Loss (dB)}$
Test Instruments:	Refer to section 3 for details
Test mode:	Refer to section 4.1 for details
Test results:	Pass
Remark:	H,E1,E2 mean for EUT polarization of X, Y, Z

Measurement Data

EUT mode	RB Size	RB Offset	Channel	EUT Pol.	Antenna Pol.	EIRP (dBm)	Limit (dBm)	Result
LTE Band 2 (1.4MHz) QPSK	6	0	Lowest	H	V	23.87	33.00	Pass
					H	22.90		
				E1	V	24.03		
					H	23.10		
				E2	V	23.65		
					H	22.99		
	6	0	Middle	H	V	23.08	33.00	Pass
					H	23.11		
				E1	V	23.52		
					H	23.77		
				E2	V	23.75		
					H	22.94		
	6	0	Highest	H	V	23.17	33.00	Pass
					H	24.08		
				E1	V	23.76		
					H	22.96		
				E2	V	23.51		
					H	23.46		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 2 (3MHz) QPSK	Lowest	15	0	H	V	23.27	33.00	Pass
					H	23.27		
				E1	V	23.24		
					H	23.77		
				E2	V	22.73		
					H	23.03		
	Middle	15	0	H	V	23.96	33.00	Pass
					H	23.95		
				E1	V	23.25		
					H	23.69		
				E2	V	22.91		
					H	22.84		
	Highest	15	0	H	V	23.97	33.00	Pass
					H	23.93		
				E1	V	23.13		
					H	23.64		
				E2	V	22.88		
					H	23.49		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 2 (5MHz) QPSK	Lowest	25	0	H	V	23.68	33.00	Pass
					H	22.89		
				E1	V	23.11		
					H	23.33		
				E2	V	23.30		
					H	23.19		
	Middle	25	0	H	V	23.09	33.00	Pass
					H	23.08		
				E1	V	23.07		
					H	22.89		
				E2	V	23.48		
					H	23.66		
	Highest	25	0	H	V	23.27	33.00	Pass
					H	23.05		
				E1	V	23.28		
					H	22.94		
				E2	V	23.18		
					H	22.98		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 2 (10MHz) QPSK	Lowest	50	0	H	V	23.53	33.00	Pass
					H	22.80		
				E1	V	23.29		
					H	23.80		
				E2	V	23.72		
					H	23.18		
	Middle	50	0	H	V	24.07	33.00	Pass
					H	23.37		
				E1	V	23.11		
					H	23.72		
				E2	V	23.65		
					H	22.75		
	Highest	50	0	H	V	23.67	33.00	Pass
					H	23.65		
				E1	V	23.15		
					H	23.40		
				E2	V	23.81		
					H	23.43		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 2 (15MHz) QPSK	Lowest	75	0	H	V	23.24	33.00	Pass
					H	22.24		
				E1	V	23.28		
					H	24.33		
				E2	V	24.02		
					H	23.46		
	Middle	75	0	H	V	24.02	33.00	Pass
					H	22.80		
				E1	V	24.19		
					H	23.80		
				E2	V	23.71		
					H	22.00		
	Highest	75	0	H	V	24.06	33.00	Pass
					H	23.11		
				E1	V	22.07		
					H	23.53		
				E2	V	23.28		
					H	23.83		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 2 (20MHz) QPSK	Lowest	100	0	H	V	24.15	33.00	Pass
					H	22.89		
				E1	V	23.68		
					H	24.82		
				E2	V	23.52		
					H	22.23		
	Middle	100	0	H	V	23.54	33.00	Pass
					H	23.81		
				E1	V	22.41		
					H	22.84		
				E2	V	23.40		
					H	22.04		
	Highest	100	0	H	V	23.28	33.00	Pass
					H	24.21		
				E1	V	22.30		
					H	23.22		
				E2	V	23.46		
					H	24.38		

EUT mode	RB Size	RB Offset	Channel	EUT Pol.	Antenna Pol.	EIRP (dBm)	Limit (dBm)	Result
LTE Band 2 (1.4MHz) 16 QAM	6	0	Lowest	H	V	22.06	33.00	Pass
					H	23.46		
				E1	V	21.88		
					H	21.53		
				E2	V	21.75		
					H	22.65		
	6	0	Middle	H	V	22.65	33.00	Pass
					H	21.93		
				E1	V	23.06		
					H	21.69		
				E2	V	22.76		
					H	22.61		
	6	0	Highest	H	V	23.11	33.00	Pass
					H	23.25		
				E1	V	23.31		
					H	21.69		
				E2	V	22.55		
					H	22.45		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 2 (3MHz) 16 QAM	Lowest	15	0	H	V	21.68	33.00	Pass
					H	21.88		
				E1	V	22.39		
					H	22.82		
				E2	V	21.50		
					H	22.77		
	Middle	15	0	H	V	21.35	33.00	Pass
					H	22.91		
				E1	V	23.25		
					H	22.09		
				E2	V	22.23		
					H	23.11		
	Highest	15	0	H	V	22.16	33.00	Pass
					H	22.36		
				E1	V	22.43		
					H	21.66		
				E2	V	22.93		
					H	21.97		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 2 (5MHz) 16 QAM	Lowest	25	0	H	V	22.25	33.00	Pass
					H	23.37		
				E1	V	21.43		
					H	22.23		
				E2	V	21.69		
					H	22.98		
	Middle	25	0	H	V	23.01	33.00	Pass
					H	22.49		
				E1	V	23.44		
					H	22.10		
				E2	V	21.70		
					H	23.22		
	Highest	25	0	H	V	22.75	33.00	Pass
					H	23.24		
				E1	V	21.64		
					H	22.74		
				E2	V	22.50		
					H	23.17		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 2 (10MHz) 16 QAM	Lowest	50	0	H	V	21.59	33.00	Pass
					H	23.29		
				E1	V	22.10		
					H	23.32		
				E2	V	22.06		
					H	23.08		
	Middle	50	0	H	V	23.13	33.00	Pass
					H	23.08		
				E1	V	22.78		
					H	23.04		
				E2	V	21.74		
					H	22.77		
	Highest	50	0	H	V	22.29	33.00	Pass
					H	22.24		
				E1	V	23.38		
					H	21.86		
				E2	V	23.31		
					H	22.05		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 2 (15MHz) 16 QAM	Lowest	75	0	H	V	22.35	33.00	Pass
					H	21.49		
				E1	V	22.00		
					H	22.79		
				E2	V	22.98		
					H	22.64		
	Middle	75	0	H	V	21.44	33.00	Pass
					H	22.21		
				E1	V	22.36		
					H	23.27		
				E2	V	23.24		
					H	23.30		
	Highest	75	0	H	V	22.97	33.00	Pass
					H	23.36		
				E1	V	23.36		
					H	23.03		
				E2	V	21.68		
					H	22.36		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 2 (20MHz) 16 QAM	Lowest	100	0	H	V	21.45	33.00	Pass
					H	22.17		
				E1	V	22.26		
					H	21.64		
				E2	V	21.52		
					H	22.90		
	Middle	100	0	H	V	22.88	33.00	Pass
					H	23.15		
				E1	V	22.24		
					H	22.49		
				E2	V	21.98		
					H	22.36		
	Highest	100	0	H	V	21.37	33.00	Pass
					H	22.49		
				E1	V	23.36		
					H	23.30		
				E2	V	21.60		
					H	22.78		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 4 (1.4MHz) QPSK	Lowest	6	0	H	V	22.90	30.00	Pass
					H	22.69		
				E1	V	22.67		
					H	22.41		
				E2	V	22.79		
					H	23.30		
	Middle	6	0	H	V	21.49	30.00	Pass
					H	21.99		
				E1	V	21.92		
					H	22.10		
				E2	V	21.94		
					H	22.05		
	Highest	6	0	H	V	22.31	30.00	Pass
					H	22.32		
				E1	V	22.33		
					H	21.60		
				E2	V	22.57		
					H	21.60		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 4 (3MHz) QPSK	Lowest	15	0	H	V	21.73	30.00	Pass
					H	23.05		
				E1	V	22.80		
					H	21.80		
				E2	V	22.59		
					H	22.27		
	Middle	15	0	H	V	21.68	30.00	Pass
					H	22.15		
				E1	V	22.78		
					H	22.39		
				E2	V	22.56		
					H	22.91		
	Highest	15	0	H	V	22.84	30.00	Pass
					H	23.12		
				E1	V	22.95		
					H	23.20		
				E2	V	21.54		
					H	22.31		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 4 (5MHz) QPSK	Lowest	25	0	H	V	23.39	30.00	Pass
					H	22.17		
				E1	V	22.55		
					H	22.20		
				E2	V	22.81		
					H	22.76		
	Middle	25	0	H	V	21.63	30.00	Pass
					H	21.73		
				E1	V	22.75		
					H	23.20		
				E2	V	22.74		
					H	22.02		
	Highest	25	0	H	V	22.40	30.00	Pass
					H	22.02		
				E1	V	22.57		
					H	23.01		
				E2	V	22.86		
					H	23.03		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 4 (10MHz) QPSK	Lowest	50	0	H	V	21.85	30.00	Pass
					H	21.96		
				E1	V	23.12		
					H	22.87		
				E2	V	22.53		
					H	22.95		
	Middle	50	0	H	V	22.81	30.00	Pass
					H	23.12		
				E1	V	22.37		
					H	23.17		
				E2	V	21.98		
					H	23.19		
	Highest	50	0	H	V	22.20	30.00	Pass
					H	21.46		
				E1	V	22.15		
					H	23.30		
				E2	V	22.70		
					H	21.90		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 4 (15MHz) QPSK	Lowest	75	0	H	V	22.64	30.00	Pass
					H	22.44		
				E1	V	21.87		
					H	22.13		
				E2	V	22.77		
					H	21.91		
	Middle	75	0	H	V	22.15	30.00	Pass
					H	21.58		
				E1	V	21.42		
					H	23.07		
				E2	V	22.13		
					H	23.17		
	Highest	75	0	H	V	22.94	30.00	Pass
					H	22.48		
				E1	V	21.89		
					H	23.11		
				E2	V	21.72		
					H	23.14		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 4 (20MHz) QPSK	Lowest	100	0	H	V	21.63	30.00	Pass
					H	21.74		
				E1	V	23.36		
					H	22.18		
				E2	V	23.15		
					H	21.99		
	Middle	100	0	H	V	23.32	30.00	Pass
					H	22.99		
				E1	V	21.53		
					H	23.33		
				E2	V	23.31		
					H	22.50		
	Highest	100	0	H	V	22.39	30.00	Pass
					H	22.00		
				E1	V	22.52		
					H	22.15		
				E2	V	21.66		
					H	22.99		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 4 (1.4MHz) 16 QAM	Lowest	6	0	H	V	21.81	30.00	Pass
					H	21.96		
				E1	V	22.13		
					H	22.21		
				E2	V	22.97		
					H	23.48		
	Middle	6	0	H	V	22.13	30.00	Pass
					H	23.08		
				E1	V	22.39		
					H	22.05		
				E2	V	21.34		
					H	22.74		
	Highest	6	0	H	V	22.18	30.00	Pass
					H	21.93		
				E1	V	23.32		
					H	23.19		
				E2	V	21.51		
					H	22.20		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 4 (3MHz) 16 QAM	Lowest	15	0	H	V	21.45	30.00	Pass
					H	22.14		
				E1	V	23.14		
					H	22.75		
				E2	V	23.30		
					H	23.14		
	Middle	15	0	H	V	21.82	30.00	Pass
					H	22.81		
				E1	V	22.54		
					H	21.80		
				E2	V	23.33		
					H	22.38		
	Highest	15	0	H	V	23.40	30.00	Pass
					H	21.79		
				E1	V	21.54		
					H	23.33		
				E2	V	22.63		
					H	23.09		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 4 (5MHz) 16 QAM	Lowest	25	0	H	V	22.17	30.00	Pass
					H	21.73		
				E1	V	21.92		
					H	21.48		
				E2	V	23.09		
					H	21.92		
	Middle	25	0	H	V	21.60	30.00	Pass
					H	21.73		
				E1	V	22.87		
					H	23.13		
				E2	V	23.04		
					H	22.42		
	Highest	25	0	H	V	22.31	30.00	Pass
					H	21.84		
				E1	V	21.62		
					H	21.97		
				E2	V	21.96		
					H	23.24		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 4 (10MHz) 16 QAM	Lowest	50	0	H	V	22.51	30.00	Pass
					H	22.39		
				E1	V	22.89		
					H	21.91		
				E2	V	22.49		
					H	21.92		
	Middle	50	0	H	V	21.88	30.00	Pass
					H	23.09		
				E1	V	23.10		
					H	23.04		
				E2	V	23.06		
					H	23.51		
	Highest	50	0	H	V	21.45	30.00	Pass
					H	22.46		
				E1	V	22.64		
					H	22.42		
				E2	V	22.56		
					H	21.92		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 4 (15MHz) 16 QAM	Lowest	75	0	H	V	22.38	30.00	Pass
					H	21.44		
				E1	V	22.35		
					H	23.43		
				E2	V	22.55		
					H	22.30		
	Middle	75	0	H	V	22.96	30.00	Pass
					H	21.41		
				E1	V	21.44		
					H	22.04		
				E2	V	21.93		
					H	21.48		
	Highest	75	0	H	V	22.75	30.00	Pass
					H	22.05		
				E1	V	22.02		
					H	23.45		
				E2	V	21.43		
					H	23.16		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 4 (20MHz) 16 QAM	Lowest	100	0	H	V	22.76	30.00	Pass
					H	23.66		
				E1	V	21.81		
					H	22.97		
				E2	V	22.50		
					H	22.21		
	Middle	100	0	H	V	22.24	30.00	Pass
					H	22.13		
				E1	V	22.17		
					H	21.53		
				E2	V	23.67		
					H	23.11		
	Highest	100	0	H	V	21.32	30.00	Pass
					H	22.01		
				E1	V	22.80		
					H	21.64		
				E2	V	22.56		
					H	23.35		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 5 (1.4MHz) QPSK	Lowest	6	0	H	V	23.49	38.45	Pass
					H	21.53		
				E1	V	21.81		
					H	23.49		
				E2	V	21.35		
					H	23.09		
	Middle	6	0	H	V	21.87	38.45	Pass
					H	21.68		
				E1	V	23.12		
					H	23.06		
				E2	V	23.28		
					H	23.23		
	Highest	6	0	H	V	21.48	38.45	Pass
					H	21.89		
				E1	V	22.50		
					H	23.48		
				E2	V	23.16		
					H	21.62		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 5 (3MHz) QPSK	Lowest	15	0	H	V	21.60	38.45	Pass
					H	22.97		
				E1	V	22.65		
					H	23.45		
				E2	V	22.81		
					H	22.94		
	Middle	15	0	H	V	22.62	38.45	Pass
					H	22.82		
				E1	V	22.86		
					H	22.78		
				E2	V	23.18		
					H	22.15		
	Highest	15	0	H	V	22.27	38.45	Pass
					H	22.03		
				E1	V	21.59		
					H	22.15		
				E2	V	22.44		
					H	22.44		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 5 (5MHz) QPSK	Lowest	25	0	H	V	22.12	38.45	Pass
					H	23.12		
				E1	V	23.01		
					H	21.49		
				E2	V	22.84		
					H	22.24		
	Middle	25	0	H	V	22.46	38.45	Pass
					H	22.63		
				E1	V	21.65		
					H	22.81		
				E2	V	23.23		
					H	22.79		
	Highest	25	0	H	V	22.47	38.45	Pass
					H	23.34		
				E1	V	22.56		
					H	22.00		
				E2	V	22.24		
					H	22.76		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 5 (10MHz) QPSK	Lowest	50	0	H	V	23.40	38.45	Pass
					H	23.39		
				E1	V	22.97		
					H	21.61		
				E2	V	21.58		
					H	23.05		
	Middle	50	0	H	V	21.41	38.45	Pass
					H	23.44		
				E1	V	22.66		
					H	22.91		
				E2	V	22.84		
					H	21.72		
	Highest	50	0	H	V	21.61	38.45	Pass
					H	21.79		
				E1	V	21.60		
					H	22.86		
				E2	V	22.74		
					H	22.76		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 5 (1.4MHz) 16 QAM	Lowest	6	0	H	V	23.47	38.45	Pass
					H	23.69		
				E1	V	22.22		
					H	22.00		
				E2	V	23.50		
					H	23.23		
	Middle	6	0	H	V	23.06	38.45	Pass
					H	22.50		
				E1	V	23.38		
					H	23.36		
				E2	V	22.81		
					H	22.13		
	Highest	6	0	H	V	22.33	38.45	Pass
					H	21.73		
				E1	V	22.25		
					H	22.37		
				E2	V	22.00		
					H	22.45		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 5 (3MHz) 16 QAM	Lowest	15	0	H	V	22.70	38.45	Pass
					H	21.25		
				E1	V	22.02		
					H	21.31		
				E2	V	22.87		
					H	22.60		
	Middle	15	0	H	V	22.32	38.45	Pass
					H	22.50		
				E1	V	22.77		
					H	22.25		
				E2	V	23.31		
					H	21.88		
	Highest	15	0	H	V	22.25	38.45	Pass
					H	22.33		
				E1	V	21.40		
					H	22.54		
				E2	V	22.91		
					H	21.28		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 5 (5MHz) 16 QAM	Lowest	25	0	H	V	23.27	38.45	Pass
					H	21.48		
				E1	V	22.28		
					H	22.36		
				E2	V	22.24		
					H	22.86		
	Middle	25	0	H	V	21.83	38.45	Pass
					H	22.59		
				E1	V	23.67		
					H	22.48		
				E2	V	23.09		
					H	23.74		
	Highest	25	0	H	V	21.89	38.45	Pass
					H	21.80		
				E1	V	23.53		
					H	23.35		
				E2	V	22.99		
					H	22.81		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 5 (10MHz) 16 QAM	Lowest	50	0	H	V	22.64	38.45	Pass
					H	22.89		
				E1	V	21.65		
					H	22.70		
				E2	V	21.57		
					H	22.86		
	Middle	50	0	H	V	23.45	38.45	Pass
					H	23.33		
				E1	V	22.34		
					H	21.19		
				E2	V	23.22		
					H	23.47		
	Highest	50	0	H	V	21.58	38.45	Pass
					H	22.51		
				E1	V	22.68		
					H	21.25		
				E2	V	23.25		
					H	23.27		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 7 (5MHz) QPSK	Lowest	25	0	H	V	21.34	33.00	Pass
					H	22.43		
				E1	V	22.21		
					H	23.53		
				E2	V	23.09		
					H	22.99		
	Middle	25	0	H	V	22.16	33.00	Pass
					H	21.42		
				E1	V	22.02		
					H	22.23		
				E2	V	22.39		
					H	23.60		
	Highest	25	0	H	V	21.50	33.00	Pass
					H	22.23		
				E1	V	22.42		
					H	21.82		
				E2	V	21.64		
					H	23.29		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 7 (10MHz) QPSK	Lowest	50	0	H	V	22.03	33.00	Pass
					H	22.94		
				E1	V	21.96		
					H	22.43		
				E2	V	22.80		
					H	22.78		
	Middle	50	0	H	V	22.67	33.00	Pass
					H	22.04		
				E1	V	22.55		
					H	23.05		
				E2	V	23.47		
					H	23.11		
	Highest	50	0	H	V	22.67	33.00	Pass
					H	23.34		
				E1	V	21.17		
					H	22.44		
				E2	V	22.33		
					H	21.68		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 7 (15MHz) QPSK	Lowest	75	0	H	V	22.28	33.00	Pass
					H	21.82		
				E1	V	23.46		
					H	21.85		
				E2	V	22.05		
					H	22.33		
	Middle	75	0	H	V	22.02	33.00	Pass
					H	23.37		
				E1	V	23.14		
					H	23.66		
				E2	V	21.38		
					H	23.70		
	Highest	75	0	H	V	23.09	33.00	Pass
					H	22.41		
				E1	V	23.34		
					H	22.28		
				E2	V	22.57		
					H	21.70		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 7 (20MHz) QPSK	Lowest	100	0	H	V	22.00	33.00	Pass
					H	22.85		
				E1	V	23.36		
					H	21.61		
				E2	V	22.81		
					H	22.87		
	Middle	100	0	H	V	22.83	33.00	Pass
					H	21.63		
				E1	V	22.65		
					H	21.33		
				E2	V	22.22		
					H	21.74		
	Highest	100	0	H	V	23.47	33.00	Pass
					H	22.98		
				E1	V	21.69		
					H	21.69		
				E2	V	21.71		
					H	23.37		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 7 (5MHz) 16 QAM	Lowest	25	0	H	V	23.05	33.00	Pass
					H	21.47		
				E1	V	22.36		
					H	21.98		
				E2	V	23.05		
					H	21.74		
	Middle	25	0	H	V	23.40	33.00	Pass
					H	23.09		
				E1	V	22.38		
					H	23.01		
				E2	V	21.71		
					H	22.86		
	Highest	25	0	H	V	22.14	33.00	Pass
					H	21.37		
				E1	V	22.14		
					H	22.66		
				E2	V	22.48		
					H	22.42		