



FCC 47 CFR Part 15E, Limit Clause 15.407(a)(7)

For client devices, except for fixed client devices as defined in this subpart, operating under the control of a standard power access point in 5.925-6.425 GHz and 6.525-6.875 GHz bands, the maximum power spectral density must not exceed 17 dBm e.i.r.p. in any 1-megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm and the device must limit its power to no more than 6 dB below its associated standard power access point's authorized transmit power.

ISED RSS-248, Limit Clause 4.5.5

The following limits shall apply to standard client devices:

- a) the maximum e.i.r.p. spectral density shall not exceed 17 dBm/MHz
- b) the maximum e.i.r.p. over the 5925-6875 MHz frequency band shall not exceed 30 dBm and
- c) the maximum power limits shall remain at least 6 dB below the power levels authorized for the associated standard-power access point

FCC 47 CFR Part 15E, Limit Clause 15.407(a)(8)

For client devices operating under the control of an indoor access point in the 5.925–7.125 GHz bands, the maximum power spectral density must not exceed -1 dBm e.i.r.p. in any 1-megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 24 dBm.

ISED RSS-248, Limit Clause 4.5.3

The following limits shall apply to low-power client devices.

- a) the maximum e.i.r.p. spectral density shall not exceed -1 dBm/MHz; and
- b) the maximum e.i.r.p. over the 5925-7125 MHz frequency band shall not exceed 24 dBm.



2.4.7 Test Location and Test Equipment Used

This test was carried out in RF Chamber 18.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Hygrometer	Rotronic	I-1000	3068	12	07-Nov-2024
1800-6000 MHz Power Splitter	Mini-Circuits	ZN2PD-63-S+	4055	-	O/P Mon
AC Programmable Power Supply	iTech	IT7324	5225	-	O/P Mon
Attenuator 5W 30dB DC-18GHz	Aaren	AT40A-4041-D18-30	5505	12	22-Feb-2025
2-Way Power Divider (2-8 GHz)	Aaren	AT30A-TE0208-2-AF	5685	12	02-Jan-2025
USB Power Sensor	Boonton	RTP5008	5820	12	07-Feb-2025
USB Power Sensor	Boonton	RTP5008	5821	12	07-Feb-2025
Digital Multimeter	Fluke	115	6145	12	06-Jun-2025
Cable (SMA to SMA 1m)	Junkosha	MWX221/B	6305	12	20-May-2025
Cable (SMA to SMA 3m)	Junkosha	MWX221-03000AMSAMS/A	6317	12	23-May-2025
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6426	12	07-Feb-2025
Directional Coupler 2-8GHz	RF-Lambda	RFDC2G8G10	6447	-	O/P Mon
Directional Coupler 2-8GHz	RF-Lambda	RFDC2G8G10	6448	-	O/P Mon
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6517	12	22-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6526	12	22-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6527	12	05-Mar-2025
USB Wideband Power Sensor	Boonton	RTP5008	6585	12	20-Feb-2025
USB Wideband Power Sensor	Boonton	RTP5008	6586	12	20-Feb-2025
AC Programmable Power Supply	iTech	IT7324	6665	-	O/P Mon
WiFi 6E Tri-Band Gaming Router	Asus	GT-AXE110000	6694	-	TU
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6752	12	06-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6753	12	06-Feb-2025

Table 216

TU - Traceability Unscheduled
O/P Mon - Output Monitored using calibrated equipment



2.5 Maximum Conducted Power Spectral Density

2.5.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.407 (a)
ISED RSS-248, Clause 4.5

2.5.2 Equipment Under Test and Modification State

A3239, S/N: DLX7VG477R - Modification State 0
A3239, S/N: D21W5XX7VQ - Modification State 0

2.5.3 Date of Test

16-September-2024 to 02-October-2024

2.5.4 Test Method

The test was performed in accordance with KDB 789033, clause F.

Where the EUT duty cycle was $< 98\%$ and repeatable within $\pm 2\%$, the spectrum analyser was set to trace (power) averaging and a duty cycle correction was added as calculated in the result tables below (Method SA-2). Where the duty cycle was $\geq 98\%$ the spectrum analyser was set to trace (power) averaging and no duty cycle correction made (Method SA-1). In all other cases the spectrum analyser trace was set to max hold (Method SA-3).

The output power was verified as being the same from each transmit core (within negligible tolerances), but the antenna gains were not identical. Therefore, the modes reported for SISO or 2TX MIMO operation are those giving the highest EIRP and/or lowest conducted limit based on the combination of antennas giving highest total directional gain.

MIMO output port summing was performed in accordance with KDB 662911 D01:

For the CDD results the Directional Gain was calculated in accordance with the equation given in clause F)2)f)(ii) summed for a single spatial stream.

For SDM modes Directional Gain was calculated in accordance with clause F)2)d)(ii).

For transmit beamforming (TxBF) mode it was calculated in accordance with clause F)2)d)(i).

2.5.5 Environmental Conditions

Ambient Temperature	21.8 - 22.8 °C
Relative Humidity	53.2 - 59.6 %



2.5.6 Test Results

6 GHz WLAN

SISO

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11a LPI	Duty Cycle (%):	97.6
Data Rate:	12 Mbps	DCCF (dB):	0.10
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	3.60
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	-	-6.13	-	-	-6.13	3.60	-2.53	-1.00	-1.53
6175	-5.55	-	-	-	-5.55	2.90	-2.65	-1.00	-1.65
6415	-3.76	-	-	-	-3.76	1.00	-2.76	-1.00	-1.76
6435	-3.96	-	-	-	-3.96	0.90	-3.06	-1.00	-2.06
6475	-3.61	-	-	-	-3.61	0.90	-2.71	-1.00	-1.71
6515	-3.57	-	-	-	-3.57	0.90	-2.67	-1.00	-1.67
6535	-3.62	-	-	-	-3.62	1.00	-2.62	-1.00	-1.62
6695	-3.72	-	-	-	-3.72	1.00	-2.72	-1.00	-1.72
6855	-3.61	-	-	-	-3.61	1.00	-2.61	-1.00	-1.61
6875	-4.33	-	-	-	-4.33	1.60	-2.73	-1.00	-1.73
6895	-4.18	-	-	-	-4.18	1.60	-2.58	-1.00	-1.58
6995	-4.37	-	-	-	-4.37	1.60	-2.77	-1.00	-1.77
7115	-12.46	-	-	-	-12.46	1.60	-10.86	-1.00	-9.86

Table 217 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU LPI	Duty Cycle (%):	96.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	3.60
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	-	-6.25	-	-	-6.25	3.60	-2.65	-1.00	-1.65
6175	-6.08	-	-	-	-6.08	2.90	-3.18	-1.00	-2.18
6415	-3.69	-	-	-	-3.69	1.00	-2.69	-1.00	-1.69
6435	-3.78	-	-	-	-3.78	0.90	-2.88	-1.00	-1.88
6475	-3.85	-	-	-	-3.85	0.90	-2.95	-1.00	-1.95
6515	-3.88	-	-	-	-3.88	0.90	-2.98	-1.00	-1.98
6535	-4.27	-	-	-	-4.27	1.00	-3.27	-1.00	-2.27
6695	-3.78	-	-	-	-3.78	1.00	-2.78	-1.00	-1.78
6855	-3.73	-	-	-	-3.73	1.00	-2.73	-1.00	-1.73
6875	-4.90	-	-	-	-4.90	1.60	-3.30	-1.00	-2.30
6895	-4.86	-	-	-	-4.86	1.60	-3.26	-1.00	-2.26
6995	-4.68	-	-	-	-4.68	1.60	-3.08	-1.00	-2.08
7095	-4.38	-	-	-	-4.38	1.60	-2.78	-1.00	-1.78

Table 218 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU LPI	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.19
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	3.60
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5965	-	-7.15	-	-	-7.15	3.60	-3.55	-1.00	-2.55
6165	-6.36	-	-	-	-6.36	2.90	-3.46	-1.00	-2.46
6405	-4.25	-	-	-	-4.25	1.00	-3.25	-1.00	-2.25
6445	-4.38	-	-	-	-4.38	0.90	-3.48	-1.00	-2.48
6485	-4.15	-	-	-	-4.15	0.90	-3.25	-1.00	-2.25
6525	-4.28	-	-	-	-4.28	1.00	-3.28	-1.00	-2.28
6565	-4.30	-	-	-	-4.30	1.00	-3.30	-1.00	-2.30
6685	-4.19	-	-	-	-4.19	1.00	-3.19	-1.00	-2.19
6845	-4.05	-	-	-	-4.05	1.00	-3.05	-1.00	-2.05
6885	-5.09	-	-	-	-5.09	1.60	-3.49	-1.00	-2.49
6925	-5.26	-	-	-	-5.26	1.60	-3.66	-1.00	-2.66
7005	-4.72	-	-	-	-4.72	1.60	-3.12	-1.00	-2.12
7085	-4.56	-	-	-	-4.56	1.60	-2.96	-1.00	-1.96

Table 219 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU LPI	Duty Cycle (%):	95.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.20
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	3.60
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5985	-	-6.85	-	-	-6.85	3.60	-3.25	-1.00	-2.25
6145	-6.07	-	-	-	-6.07	2.90	-3.17	-1.00	-2.17
6385	-4.43	-	-	-	-4.43	1.00	-3.43	-1.00	-2.43
6465	-4.18	-	-	-	-4.18	0.90	-3.28	-1.00	-2.28
6545	-4.16	-	-	-	-4.16	1.00	-3.16	-1.00	-2.16
6625	-4.08	-	-	-	-4.08	1.00	-3.08	-1.00	-2.08
6705	-4.48	-	-	-	-4.48	1.00	-3.48	-1.00	-2.48
6785	-4.09	-	-	-	-4.09	1.00	-3.09	-1.00	-2.09
6865	-5.15	-	-	-	-5.15	1.60	-3.55	-1.00	-2.55
6945	-4.72	-	-	-	-4.72	1.60	-3.12	-1.00	-2.12
7025	-4.85	-	-	-	-4.85	1.60	-3.25	-1.00	-2.25

Table 220 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU LPI	Duty Cycle (%):	92.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.33
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	3.60
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6025	-	-6.31	-	-	-6.31	3.60	-2.71	-1.00	-1.71
6185	-5.51	-	-	-	-5.51	2.90	-2.61	-1.00	-1.61
6345	-3.52	-	-	-	-3.52	1.00	-2.52	-1.00	-1.52
6505	-3.44	-	-	-	-3.44	1.00	-2.44	-1.00	-1.44
6665	-3.84	-	-	-	-3.84	1.00	-2.84	-1.00	-1.84
6825	-4.19	-	-	-	-4.19	1.60	-2.59	-1.00	-1.59
6985	-4.13	-	-	-	-4.13	1.60	-2.53	-1.00	-1.53

Table 221 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU26 LPI	Duty Cycle (%):	97.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.13
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	3.60
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU26.0)	-	-6.98	-	-	-6.98	3.60	-3.38	-1.00	-2.38
6175 (RU26.0)	-6.49	-	-	-	-6.49	2.90	-3.59	-1.00	-2.59
6415 (RU26.8)	-3.92	-	-	-	-3.92	1.00	-2.92	-1.00	-1.92
6435 (RU26.0)	-3.80	-	-	-	-3.80	0.90	-2.90	-1.00	-1.90
6475 (RU26.0)	-4.22	-	-	-	-4.22	0.90	-3.32	-1.00	-2.32
6515 (RU26.8)	-4.14	-	-	-	-4.14	0.90	-3.24	-1.00	-2.24
6535 (RU26.0)	-4.02	-	-	-	-4.02	1.00	-3.02	-1.00	-2.02
6695 (RU26.0)	-4.23	-	-	-	-4.23	1.00	-3.23	-1.00	-2.23
6855 (RU26.8)	-4.01	-	-	-	-4.01	1.00	-3.01	-1.00	-2.01
6875 (RU26.3)	-5.28	-	-	-	-5.28	1.00	-4.28	-1.00	-3.28
6875 (RU26.5)	-5.42	-	-	-	-5.42	1.60	-3.82	-1.00	-2.82
6895 (RU26.0)	-5.46	-	-	-	-5.46	1.60	-3.86	-1.00	-2.86
6995 (RU26.0)	-5.28	-	-	-	-5.28	1.60	-3.68	-1.00	-2.68
7095 (RU26.8)	-4.89	-	-	-	-4.89	1.60	-3.29	-1.00	-2.29

Table 222 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU52 LPI	Duty Cycle (%):	97.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.13
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	3.60
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU52.37)	-	-6.59	-	-	-6.59	3.60	-2.99	-1.00	-1.99
6175 (RU52.37)	-6.09	-	-	-	-6.09	2.90	-3.19	-1.00	-2.19
6415 (RU52.40)	-3.53	-	-	-	-3.53	1.00	-2.53	-1.00	-1.53
6435 (RU52.37)	-3.70	-	-	-	-3.70	0.90	-2.80	-1.00	-1.80
6475 (RU52.37)	-3.69	-	-	-	-3.69	0.90	-2.79	-1.00	-1.79
6515 (RU52.40)	-4.05	-	-	-	-4.05	0.90	-3.15	-1.00	-2.15
6535 (RU52.37)	-3.99	-	-	-	-3.99	1.00	-2.99	-1.00	-1.99
6695 (RU52.37)	-3.74	-	-	-	-3.74	1.00	-2.74	-1.00	-1.74
6855 (RU52.40)	-3.93	-	-	-	-3.93	1.00	-2.93	-1.00	-1.93
6875 (RU52.38)	-4.63	-	-	-	-4.63	1.00	-3.63	-1.00	-2.63
6875 (RU52.39)	-4.80	-	-	-	-4.80	1.60	-3.20	-1.00	-2.20
6895 (RU52.37)	-4.86	-	-	-	-4.86	1.60	-3.26	-1.00	-2.26
6995 (RU52.37)	-4.74	-	-	-	-4.74	1.60	-3.14	-1.00	-2.14
7095 (RU52.40)	-4.39	-	-	-	-4.39	1.60	-2.79	-1.00	-1.79

Table 223 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU106 LPI	Duty Cycle (%):	97.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.10
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	3.60
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU106.53)	-	-6.11	-	-	-6.11	3.60	-2.51	-1.00	-1.51
6175 (RU106.53)	-5.85	-	-	-	-5.85	2.90	-2.95	-1.00	-1.95
6415 (RU106.54)	-3.51	-	-	-	-3.51	1.00	-2.51	-1.00	-1.51
6435 (RU106.53)	-3.52	-	-	-	-3.52	0.90	-2.62	-1.00	-1.62
6475 (RU106.53)	-3.44	-	-	-	-3.44	0.90	-2.54	-1.00	-1.54
6515 (RU106.54)	-3.61	-	-	-	-3.61	0.90	-2.71	-1.00	-1.71
6535 (RU106.53)	-3.79	-	-	-	-3.79	1.00	-2.79	-1.00	-1.79
6695 (RU106.53)	-3.80	-	-	-	-3.80	1.00	-2.80	-1.00	-1.80
6855 (RU106.54)	-3.63	-	-	-	-3.63	1.00	-2.63	-1.00	-1.63
6875 (RU106.53)	-4.39	-	-	-	-4.39	1.00	-3.39	-1.00	-2.39
6875 (RU106.54)	-4.39	-	-	-	-4.39	1.60	-2.79	-1.00	-1.79
6895 (RU106.53)	-4.21	-	-	-	-4.21	1.60	-2.61	-1.00	-1.61
6995 (RU106.53)	-4.31	-	-	-	-4.31	1.60	-2.71	-1.00	-1.71
7095 (RU106.54)	-4.39	-	-	-	-4.39	1.60	-2.79	-1.00	-1.79

Table 224 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11a SP	Duty Cycle (%):	97.6
Data Rate:	12 Mbps	DCCF (dB):	0.10
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	3.60
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	-	10.29	-	-	10.29	3.60	13.89	17.00	-3.11
6175	9.61	-	-	-	9.61	2.90	12.51	17.00	-4.49
6415	10.04	-	-	-	10.04	1.00	11.04	17.00	-5.96
6535	9.67	-	-	-	9.67	1.00	10.67	17.00	-6.33
6695	9.92	-	-	-	9.92	1.00	10.92	17.00	-6.08
6855	9.79	-	-	-	9.79	1.00	10.79	17.00	-6.21

Table 225 - Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6435	10.19	-	-	-	10.19	0.90	11.09	17.00	-5.91
6475	9.82	-	-	-	9.82	0.90	10.72	17.00	-6.28
6515	10.14	-	-	-	10.14	0.90	11.04	17.00	-5.96

Table 226 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU SP	Duty Cycle (%):	95.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	3.60
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	-	9.78	-	-	9.78	3.60	13.38	17.00	-3.62
6175	9.42	-	-	-	9.42	2.90	12.32	17.00	-4.68
6415	9.46	-	-	-	9.46	1.00	10.46	17.00	-6.54
6535	9.48	-	-	-	9.48	1.00	10.48	17.00	-6.52
6695	9.39	-	-	-	9.39	1.00	10.39	17.00	-6.61
6855	9.55	-	-	-	9.55	1.00	10.55	17.00	-6.45

Table 227 - Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6435	9.43	-	-	-	9.43	0.90	10.33	17.00	-6.67
6475	9.63	-	-	-	9.63	0.90	10.53	17.00	-6.47
6515	9.78	-	-	-	9.78	0.90	10.68	17.00	-6.32

Table 228 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU SP	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.19
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	3.60
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5965	-	6.79	-	-	6.79	3.60	10.39	17.00	-6.61
6165	6.64	-	-	-	6.64	2.90	9.54	17.00	-7.46
6405	7.00	-	-	-	7.00	1.00	8.00	17.00	-9.00
6565	6.81	-	-	-	6.81	1.00	7.81	17.00	-9.19
6685	6.65	-	-	-	6.65	1.00	7.65	17.00	-9.35
6845	6.91	-	-	-	6.91	1.00	7.91	17.00	-9.09

Table 229 - Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6445	7.01	-	-	-	7.01	0.90	7.91	17.00	-9.09
6485	7.00	-	-	-	7.00	0.90	7.90	17.00	-9.10
6525	6.37	-	-	-	6.37	1.00	7.37	17.00	-9.63

Table 230 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU SP	Duty Cycle (%):	95.6
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.20
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	3.60
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5985	-	3.65	-	-	3.65	3.60	7.25	17.00	-9.75
6145	3.59	-	-	-	3.59	2.90	6.49	17.00	-10.51
6385	3.96	-	-	-	3.96	1.00	4.96	17.00	-12.04
6625	3.76	-	-	-	3.76	1.00	4.76	17.00	-12.24
6705	3.83	-	-	-	3.83	1.00	4.83	17.00	-12.17
6785	4.35	-	-	-	4.35	1.00	5.35	17.00	-11.65

Table 231 - Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6465	4.02	-	-	-	4.02	0.90	4.92	17.00	-12.08
6545	3.61	-	-	-	3.61	1.00	4.61	17.00	-12.39

Table 232 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU SP	Duty Cycle (%):	92.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.33
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	3.60
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6025	-	-0.72	-	-	-0.72	3.60	2.88	17.00	-14.12
6185	-0.30	-	-	-	-0.30	2.90	2.60	17.00	-14.40
6345	-0.39	-	-	-	-0.39	1.00	0.61	17.00	-16.39
6665	-1.23	-	-	-	-1.23	1.00	-0.23	17.00	-17.23

Table 233 - Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6505	-0.95	-	-	-	-0.95	1.00	0.05	17.00	-16.95

Table 234 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU26 SP	Duty Cycle (%):	97.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.12
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	3.60
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU26.0)	-	10.82	-	-	10.82	3.60	14.42	17.00	-2.58
6175 (RU26.0)	10.15	-	-	-	10.15	2.90	13.05	17.00	-3.95
6415 (RU26.8)	10.62	-	-	-	10.62	1.00	11.62	17.00	-5.38
6535 (RU26.0)	10.14	-	-	-	10.14	1.00	11.14	17.00	-5.86
6695 (RU26.0)	10.50	-	-	-	10.50	1.00	11.50	17.00	-5.50
6855 (RU26.8)	10.60	-	-	-	10.60	1.00	11.60	17.00	-5.40

Table 235 - Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6435 (RU26.0)	10.63	-	-	-	10.63	0.90	11.53	17.00	-5.47
6475 (RU26.0)	10.65	-	-	-	10.65	0.90	11.55	17.00	-5.45
6515 (RU26.8)	10.40	-	-	-	10.40	0.90	11.30	17.00	-5.70

Table 236 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU52 SP	Duty Cycle (%):	97.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.13
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	3.60
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU52.37)	-	10.95	-	-	10.95	3.60	14.55	17.00	-2.45
6175 (RU52.37)	10.76	-	-	-	10.76	2.90	13.66	17.00	-3.34
6415 (RU52.40)	11.39	-	-	-	11.39	1.00	12.39	17.00	-4.61
6535 (RU52.37)	10.52	-	-	-	10.52	1.00	11.52	17.00	-5.48
6695 (RU52.37)	10.91	-	-	-	10.91	1.00	11.91	17.00	-5.09
6855 (RU52.40)	10.77	-	-	-	10.77	1.00	11.77	17.00	-5.23

Table 237 - Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6435 (RU52.37)	11.27	-	-	-	11.27	0.90	12.17	17.00	-4.83
6475 (RU52.37)	11.06	-	-	-	11.06	0.90	11.96	17.00	-5.04
6515 (RU52.40)	10.82	-	-	-	10.82	0.90	11.72	17.00	-5.28

Table 238 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU106 SP	Duty Cycle (%):	97.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.10
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	3.60
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU106.53)	-	11.44	-	-	11.44	3.60	15.04	17.00	-1.96
6175 (RU106.53)	10.94	-	-	-	10.94	2.90	13.84	17.00	-3.16
6415 (RU106.54)	11.19	-	-	-	11.19	1.00	12.19	17.00	-4.81
6535 (RU106.53)	10.77	-	-	-	10.77	1.00	11.77	17.00	-5.23
6695 (RU106.53)	10.95	-	-	-	10.95	1.00	11.95	17.00	-5.05
6855 (RU106.54)	10.90	-	-	-	10.90	1.00	11.90	17.00	-5.10

Table 239 - Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6435 (RU106.53)	11.12	-	-	-	11.12	0.90	12.02	17.00	-4.98
6475 (RU106.53)	11.01	-	-	-	11.01	0.90	11.91	17.00	-5.09
6515 (RU106.54)	10.80	-	-	-	10.80	0.90	11.70	17.00	-5.30

Table 240 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-7
Limit Clause(s):	15.407(a)(9)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11a VLP	Duty Cycle (%):	97.6
Data Rate:	12 Mbps	DCCF (dB):	0.11
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	2.90
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6115	-10.18	-	-	-	-10.18	2.90	-7.28	-5.00	-2.28
6255	-9.64	-	-	-	-9.64	2.90	-6.74	-5.00	-1.74
6415	-7.42	-	-	-	-7.42	1.00	-6.42	-5.00	-1.42
6535	-7.81	-	-	-	-7.81	1.00	-6.81	-5.00	-1.81
6695	-7.55	-	-	-	-7.55	1.00	-6.55	-5.00	-1.55
6855	-7.37	-	-	-	-7.37	1.00	-6.37	-5.00	-1.37

Table 241 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-7
Limit Clause(s):	15.407(a)(9)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU VLP	Duty Cycle (%):	95.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	2.90
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6115	-10.89	-	-	-	-10.89	2.90	-7.99	-5.00	-2.99
6255	-9.86	-	-	-	-9.86	2.90	-6.96	-5.00	-1.96
6415	-8.06	-	-	-	-8.06	1.00	-7.06	-5.00	-2.06
6535	-8.02	-	-	-	-8.02	1.00	-7.02	-5.00	-2.02
6695	-8.21	-	-	-	-8.21	1.00	-7.21	-5.00	-2.21
6855	-7.67	-	-	-	-7.67	1.00	-6.67	-5.00	-1.67

Table 242 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-7
Limit Clause(s):	15.407(a)(9)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU VLP	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.19
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	2.90
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6125	-10.76	-	-	-	-10.76	2.90	-7.86	-5.00	-2.86
6245	-10.34	-	-	-	-10.34	2.90	-7.44	-5.00	-2.44
6405	-8.32	-	-	-	-8.32	1.00	-7.32	-5.00	-2.32
6565	-8.41	-	-	-	-8.41	1.00	-7.41	-5.00	-2.41
6685	-8.34	-	-	-	-8.34	1.00	-7.34	-5.00	-2.34
6845	-8.27	-	-	-	-8.27	1.00	-7.27	-5.00	-2.27

Table 243 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-7
Limit Clause(s):	15.407(a)(9)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU VLP	Duty Cycle (%):	95.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.20
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	2.90
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6145	-9.98	-	-	-	-9.98	2.90	-7.08	-5.00	-2.08
6225	-10.09	-	-	-	-10.09	2.90	-7.19	-5.00	-2.19
6385	-8.29	-	-	-	-8.29	1.00	-7.29	-5.00	-2.29
6625	-8.18	-	-	-	-8.18	1.00	-7.18	-5.00	-2.18
6705	-8.31	-	-	-	-8.31	1.00	-7.31	-5.00	-2.31
6785	-8.02	-	-	-	-8.02	1.00	-7.02	-5.00	-2.02

Table 244 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-7
Limit Clause(s):	15.407(a)(9)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU VLP	Duty Cycle (%):	92.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.33
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	2.90
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6185	-9.75	-	-	-	-9.75	2.90	-6.85	-5.00	-1.85
6345	-7.90	-	-	-	-7.90	1.00	-6.90	-5.00	-1.90
6665	-8.28	-	-	-	-8.28	1.00	-7.28	-5.00	-2.28

Table 245 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-7
Limit Clause(s):	15.407(a)(9)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU52 VLP	Duty Cycle (%):	97.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.13
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	1.00
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6275 (RU52.37)	-7.77	-	-	-	-7.77	1.00	-6.77	-5.00	-1.77
6335 (RU52.37)	-7.66	-	-	-	-7.66	1.00	-6.66	-5.00	-1.66
6415 (RU52.40)	-7.81	-	-	-	-7.81	1.00	-6.81	-5.00	-1.81
6535 (RU52.37)	-8.13	-	-	-	-8.13	1.00	-7.13	-5.00	-2.13
6695 (RU52.37)	-8.12	-	-	-	-8.12	1.00	-7.12	-5.00	-2.12
6855 (RU52.40)	-8.02	-	-	-	-8.02	1.00	-7.02	-5.00	-2.02

Table 246 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-7
Limit Clause(s):	15.407(a)(9)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU106 VLP	Duty Cycle (%):	97.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.10
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	2.90
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6115 (RU106.53)	-10.29	-	-	-	-10.29	2.90	-7.39	-5.00	-2.39
6255 (RU106.53)	-9.68	-	-	-	-9.68	2.90	-6.78	-5.00	-1.78
6415 (RU106.54)	-7.43	-	-	-	-7.43	1.00	-6.43	-5.00	-1.43
6535 (RU106.53)	-7.67	-	-	-	-7.67	1.00	-6.67	-5.00	-1.67
6695 (RU106.53)	-8.23	-	-	-	-8.23	1.00	-7.23	-5.00	-2.23
6855 (RU106.54)	-7.52	-	-	-	-7.52	1.00	-6.52	-5.00	-1.52

Table 247 - Maximum Power Spectral Density Results



MIMO CDD

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU LPI	Duty Cycle (%):	95.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.56
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	-13.30	-13.35	-	-	-10.31	6.56	-3.75	-1.00	-2.75
6175	-13.35	-12.79	-	-	-10.05	5.91	-4.14	-1.00	-3.14
6415	-10.70	-11.17	-	-	-7.92	3.81	-4.11	-1.00	-3.11
6435	-9.82	-10.11	-	-	-6.95	3.66	-3.28	-1.00	-2.28
6475	-9.79	-10.30	-	-	-7.03	3.66	-3.36	-1.00	-2.36
6515	-9.94	-10.16	-	-	-7.04	3.66	-3.37	-1.00	-2.37
6535	-10.69	-10.86	-	-	-7.77	3.96	-3.80	-1.00	-2.80
6695	-11.76	-12.05	-	-	-8.90	3.96	-4.93	-1.00	-3.93
6855	-10.29	-10.55	-	-	-7.40	3.96	-3.44	-1.00	-2.44
6875	-10.68	-11.08	-	-	-7.87	4.03	-3.84	-1.00	-2.84
6895	-10.61	-10.82	-	-	-7.70	4.03	-3.67	-1.00	-2.67
6995	-10.41	-10.36	-	-	-7.38	4.03	-3.35	-1.00	-2.35
7095	-10.90	-10.95	-	-	-7.91	4.03	-3.88	-1.00	-2.88

Table 248 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU LPI	Duty Cycle (%):	95.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.21
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.56
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5965	-13.60	-13.34	-	-	-10.46	6.56	-3.90	-1.00	-2.90
6165	-13.18	-12.65	-	-	-9.90	5.91	-3.99	-1.00	-2.99
6405	-10.07	-9.99	-	-	-7.02	3.81	-3.20	-1.00	-2.20
6445	-10.03	-9.90	-	-	-6.96	3.66	-3.29	-1.00	-2.29
6485	-10.14	-9.70	-	-	-6.90	3.66	-3.24	-1.00	-2.24
6525	-10.64	-10.30	-	-	-7.46	3.96	-3.50	-1.00	-2.50
6565	-10.90	-10.05	-	-	-7.44	3.96	-3.48	-1.00	-2.48
6685	-11.12	-10.27	-	-	-7.66	3.96	-3.70	-1.00	-2.70
6845	-10.46	-10.04	-	-	-7.23	3.96	-3.27	-1.00	-2.27
6885	-11.00	-10.41	-	-	-7.68	4.03	-3.65	-1.00	-2.65
6925	-10.48	-10.20	-	-	-7.33	4.03	-3.30	-1.00	-2.30
7005	-11.05	-10.32	-	-	-7.66	4.03	-3.63	-1.00	-2.63
7085	-10.80	-10.13	-	-	-7.44	4.03	-3.41	-1.00	-2.41

Table 249 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU LPI	Duty Cycle (%):	95.6
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.19
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.56
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5985	-12.96	-12.91	-	-	-9.92	6.56	-3.36	-1.00	-2.36
6145	-13.09	-12.12	-	-	-9.57	5.91	-3.66	-1.00	-2.66
6385	-10.05	-9.81	-	-	-6.92	3.81	-3.11	-1.00	-2.11
6465	-9.98	-10.13	-	-	-7.04	3.66	-3.38	-1.00	-2.38
6545	-10.11	-9.51	-	-	-6.79	3.96	-2.83	-1.00	-1.83
6625	-10.37	-10.23	-	-	-7.29	3.96	-3.33	-1.00	-2.33
6705	-10.49	-10.11	-	-	-7.28	3.96	-3.32	-1.00	-2.32
6785	-10.42	-9.91	-	-	-7.15	3.96	-3.19	-1.00	-2.19
6865	-11.12	-10.22	-	-	-7.64	4.03	-3.60	-1.00	-2.60
6945	-10.52	-10.36	-	-	-7.43	4.03	-3.40	-1.00	-2.40
7025	-10.90	-10.16	-	-	-7.50	4.03	-3.47	-1.00	-2.47

Table 250 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU LPI	Duty Cycle (%):	92.6
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.33
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.56
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6025	-12.41	-12.09	-	-	-9.24	6.56	-2.68	-1.00	-1.68
6185	-12.34	-11.58	-	-	-8.93	5.91	-3.02	-1.00	-2.02
6345	-9.71	-9.40	-	-	-6.54	3.81	-2.73	-1.00	-1.73
6505	-9.90	-9.42	-	-	-6.64	3.96	-2.68	-1.00	-1.68
6665	-10.32	-9.85	-	-	-7.07	3.96	-3.11	-1.00	-2.11
6825	-9.78	-9.94	-	-	-6.85	4.03	-2.82	-1.00	-1.82
6985	-10.24	-9.57	-	-	-6.88	4.03	-2.85	-1.00	-1.85

Table 251 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU26 LPI	Duty Cycle (%):	95.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.22
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	4.03
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6275 (RU26.0)	-11.79	-10.67	-	-	-8.18	3.81	-4.37	-1.00	-3.37
6335 (RU26.0)	-11.02	-10.55	-	-	-7.77	3.81	-3.96	-1.00	-2.96
6415 (RU26.8)	-10.34	-11.14	-	-	-7.71	3.81	-3.90	-1.00	-2.90
6435 (RU26.0)	-9.77	-10.50	-	-	-7.11	3.66	-3.44	-1.00	-2.44
6475 (RU26.0)	-10.18	-10.49	-	-	-7.32	3.66	-3.66	-1.00	-2.66
6515 (RU26.8)	-10.15	-10.11	-	-	-7.12	3.66	-3.45	-1.00	-2.45
6535 (RU26.0)	-10.74	-10.73	-	-	-7.72	3.96	-3.76	-1.00	-2.76
6695 (RU26.0)	-10.36	-11.14	-	-	-7.72	3.96	-3.76	-1.00	-2.76
6855 (RU26.8)	-10.22	-10.29	-	-	-7.24	3.96	-3.28	-1.00	-2.28
6875 (RU26.3)	-10.58	-10.87	-	-	-7.71	3.96	-3.75	-1.00	-2.75
6875 (RU26.5)	-11.12	-10.64	-	-	-7.86	4.03	-3.83	-1.00	-2.83
6895 (RU26.0)	-11.26	-11.22	-	-	-8.23	4.03	-4.20	-1.00	-3.20
6995 (RU26.0)	-11.45	-10.65	-	-	-8.02	4.03	-3.99	-1.00	-2.99
7095 (RU26.8)	-10.69	-11.07	-	-	-7.86	4.03	-3.83	-1.00	-2.83

Table 252 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU52 LPI	Duty Cycle (%):	96.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.14
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.56
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU52.37)	-13.68	-13.01	-	-	-10.33	6.56	-3.76	-1.00	-2.76
6175 (RU52.37)	-13.40	-12.45	-	-	-9.89	5.91	-3.98	-1.00	-2.98
6415 (RU52.40)	-10.03	-10.43	-	-	-7.22	3.81	-3.40	-1.00	-2.40
6435 (RU52.37)	-10.04	-10.21	-	-	-7.11	3.66	-3.45	-1.00	-2.45
6475 (RU52.37)	-10.22	-10.28	-	-	-7.24	3.66	-3.58	-1.00	-2.58
6515 (RU52.40)	-10.61	-10.47	-	-	-7.53	3.66	-3.86	-1.00	-2.86
6535 (RU52.37)	-10.98	-10.59	-	-	-7.77	3.96	-3.81	-1.00	-2.81
6695 (RU52.37)	-10.22	-10.89	-	-	-7.53	3.96	-3.57	-1.00	-2.57
6855 (RU52.40)	-10.17	-9.95	-	-	-7.05	3.96	-3.09	-1.00	-2.09
6875 (RU52.38)	-11.21	-11.31	-	-	-8.25	3.96	-4.29	-1.00	-3.29
6875 (RU52.39)	-10.86	-10.78	-	-	-7.81	4.03	-3.78	-1.00	-2.78
6895 (RU52.37)	-10.72	-10.71	-	-	-7.71	4.03	-3.68	-1.00	-2.68
6995 (RU52.37)	-11.45	-10.63	-	-	-8.01	4.03	-3.98	-1.00	-2.98
7095 (RU52.40)	-11.17	-10.49	-	-	-7.80	4.03	-3.77	-1.00	-2.77

Table 253 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU106 LPI	Duty Cycle (%):	97.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.10
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.56
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU106.53)	-13.49	-12.96	-	-	-10.21	6.56	-3.65	-1.00	-2.65
6175 (RU106.53)	-12.82	-12.49	-	-	-9.64	5.91	-3.73	-1.00	-2.73
6415 (RU106.54)	-9.62	-10.53	-	-	-7.04	3.81	-3.23	-1.00	-2.23
6435 (RU106.53)	-9.86	-10.13	-	-	-6.98	3.66	-3.32	-1.00	-2.32
6475 (RU106.53)	-9.98	-10.16	-	-	-7.06	3.66	-3.40	-1.00	-2.40
6515 (RU106.54)	-10.24	-9.99	-	-	-7.10	3.66	-3.44	-1.00	-2.44
6535 (RU106.53)	-10.31	-10.31	-	-	-7.30	3.96	-3.34	-1.00	-2.34
6695 (RU106.53)	-9.92	-10.49	-	-	-7.19	3.96	-3.22	-1.00	-2.22
6855 (RU106.54)	-10.01	-9.90	-	-	-6.95	3.96	-2.99	-1.00	-1.99
6875 (RU106.53)	-10.78	-10.27	-	-	-7.51	3.96	-3.55	-1.00	-2.55
6875 (RU106.54)	-10.84	-10.35	-	-	-7.58	4.03	-3.55	-1.00	-2.55
6895 (RU106.53)	-10.74	-10.45	-	-	-7.58	4.03	-3.55	-1.00	-2.55
6995 (RU106.53)	-10.82	-10.85	-	-	-7.82	4.03	-3.79	-1.00	-2.79
7095 (RU106.54)	-10.69	-10.80	-	-	-7.73	4.03	-3.70	-1.00	-2.70

Table 254 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU SP	Duty Cycle (%):	95.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.56
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	4.94	5.11	-	-	8.04	6.56	14.60	17.00	-2.40
6175	4.61	5.62	-	-	8.16	5.91	14.07	17.00	-2.93
6415	7.66	7.62	-	-	10.65	3.81	14.46	17.00	-2.54
6535	6.75	7.39	-	-	10.09	3.96	14.05	17.00	-2.95
6695	7.28	7.38	-	-	10.34	3.96	14.30	17.00	-2.70
6855	6.83	7.43	-	-	10.15	3.96	14.11	17.00	-2.89

Table 255 - Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6435	7.85	7.83	-	-	10.85	3.66	14.52	17.00	-2.48
6475	7.67	8.34	-	-	11.03	3.66	14.69	17.00	-2.31
6515	7.28	8.17	-	-	10.76	3.66	14.42	17.00	-2.58

Table 256 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU SP	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.19
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.56
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5965	5.28	5.65	-	-	8.48	6.56	15.04	17.00	-1.96
6165	4.39	5.70	-	-	8.11	5.91	14.02	17.00	-2.98
6405	7.01	6.86	-	-	9.95	3.81	13.76	17.00	-3.24
6565	5.94	6.68	-	-	9.34	3.96	13.30	17.00	-3.70
6685	6.07	7.08	-	-	9.62	3.96	13.58	17.00	-3.42
6845	6.06	7.09	-	-	9.62	3.96	13.58	17.00	-3.42

Table 257 - Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6445	6.69	7.27	-	-	10.00	3.66	13.66	17.00	-3.34
6485	6.66	6.86	-	-	9.77	3.66	13.44	17.00	-3.56
6525	6.10	6.92	-	-	9.54	3.96	13.50	17.00	-3.50

Table 258 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU SP	Duty Cycle (%):	95.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.20
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.56
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5985	3.20	2.54	-	-	5.89	6.56	12.45	17.00	-4.55
6145	2.65	4.12	-	-	6.46	5.91	12.37	17.00	-4.63
6385	4.14	3.99	-	-	7.08	3.81	10.89	17.00	-6.11
6625	3.36	3.44	-	-	6.41	3.96	10.37	17.00	-6.63
6705	3.63	3.94	-	-	6.80	3.96	10.76	17.00	-6.24
6785	3.87	4.05	-	-	6.97	3.96	10.93	17.00	-6.07

Table 259 - Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6465	3.57	3.90	-	-	6.75	3.66	10.41	17.00	-6.59
6545	3.38	4.11	-	-	6.77	3.96	10.73	17.00	-6.27

Table 260 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU SP	Duty Cycle (%):	92.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.33
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.56
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6025	-0.68	-0.53	-	-	2.40	6.56	8.96	17.00	-8.04
6185	-1.57	-0.37	-	-	2.08	5.91	7.99	17.00	-9.01
6345	-0.16	-0.17	-	-	2.84	3.81	6.66	17.00	-10.34
6665	-1.74	-0.75	-	-	1.79	3.96	5.75	17.00	-11.25

Table 261 - Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6505	-1.63	-1.13	-	-	1.64	3.96	5.60	17.00	-11.40

Table 262 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU26 SP	Duty Cycle (%):	97.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.13
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.56
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU26.0)	4.88	4.75	-	-	7.82	6.56	14.39	17.00	-2.61
6175 (RU26.0)	4.43	5.46	-	-	7.99	5.91	13.90	17.00	-3.10
6415 (RU26.8)	7.44	7.65	-	-	10.56	3.81	14.37	17.00	-2.63
6535 (RU26.0)	6.93	7.73	-	-	10.36	3.96	14.32	17.00	-2.68
6695 (RU26.0)	6.56	7.26	-	-	9.93	3.96	13.89	17.00	-3.11
6855 (RU26.8)	7.39	7.89	-	-	10.66	3.96	14.62	17.00	-2.38

Table 263 - Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6435 (RU26.0)	6.91	7.74	-	-	10.36	3.66	14.02	17.00	-2.98
6475 (RU26.0)	7.01	8.40	-	-	10.77	3.66	14.43	17.00	-2.57
6515 (RU26.8)	6.85	7.50	-	-	10.19	3.66	13.86	17.00	-3.14

Table 264 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU52 SP	Duty Cycle (%):	97.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.13
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.56
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU52.37)	5.40	5.83	-	-	8.63	6.56	15.19	17.00	-1.81
6175 (RU52.37)	4.85	6.11	-	-	8.53	5.91	14.44	17.00	-2.56
6415 (RU52.40)	8.11	8.15	-	-	11.14	3.81	14.95	17.00	-2.05
6535 (RU52.37)	6.74	7.42	-	-	10.11	3.96	14.07	17.00	-2.93
6695 (RU52.37)	7.04	7.95	-	-	10.53	3.96	14.49	17.00	-2.51
6855 (RU52.40)	6.93	8.02	-	-	10.52	3.96	14.48	17.00	-2.52

Table 265 - Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6435 (RU52.37)	7.59	8.30	-	-	10.97	3.66	14.63	17.00	-2.37
6475 (RU52.37)	7.33	8.31	-	-	10.86	3.66	14.53	17.00	-2.47
6515 (RU52.40)	7.09	8.05	-	-	10.61	3.66	14.27	17.00	-2.73

Table 266 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU106 SP	Duty Cycle (%):	97.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.09
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.56
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU106.53)	5.45	5.48	-	-	8.47	6.56	15.03	17.00	-1.97
6175 (RU106.53)	4.74	5.79	-	-	8.31	5.91	14.22	17.00	-2.78
6415 (RU106.54)	7.82	7.94	-	-	10.89	3.81	14.71	17.00	-2.29
6535 (RU106.53)	7.25	7.95	-	-	10.62	3.96	14.59	17.00	-2.41
6695 (RU106.53)	7.71	8.49	-	-	11.13	3.96	15.09	17.00	-1.91
6855 (RU106.54)	7.19	7.90	-	-	10.57	3.96	14.53	17.00	-2.47

Table 267 - Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6435 (RU106.53)	7.52	8.37	-	-	10.98	3.66	14.64	17.00	-2.36
6475 (RU106.53)	7.52	8.37	-	-	10.97	3.66	14.64	17.00	-2.36
6515 (RU106.54)	7.30	8.33	-	-	10.86	3.66	14.52	17.00	-2.48

Table 268 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-7
Limit Clause(s):	15.407(a)(9)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU VLP	Duty Cycle (%):	95.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	3.96
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6275	-15.42	-14.87	-	-	-12.13	3.81	-8.31	-5.00	-3.31
6335	-14.73	-14.71	-	-	-11.71	3.81	-7.90	-5.00	-2.90
6415	-14.33	-14.57	-	-	-11.44	3.81	-7.63	-5.00	-2.63
6535	-14.52	-14.61	-	-	-11.55	3.96	-7.59	-5.00	-2.59
6695	-14.65	-15.46	-	-	-12.02	3.96	-8.06	-5.00	-3.06
6855	-14.22	-15.10	-	-	-11.63	3.96	-7.67	-5.00	-2.67

Table 269 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-7
Limit Clause(s):	15.407(a)(9)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU VLP	Duty Cycle (%):	91.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.41
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	5.91
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6125	-17.32	-17.09	-	-	-14.19	5.91	-8.28	-5.00	-3.28
6245	-17.25	-16.93	-	-	-14.08	5.91	-8.16	-5.00	-3.16
6405	-15.31	-15.01	-	-	-12.15	3.81	-8.34	-5.00	-3.34
6565	-14.75	-14.66	-	-	-11.69	3.96	-7.73	-5.00	-2.73
6685	-15.28	-15.06	-	-	-12.16	3.96	-8.20	-5.00	-3.20
6845	-14.33	-15.07	-	-	-11.67	3.96	-7.71	-5.00	-2.71

Table 270 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-7
Limit Clause(s):	15.407(a)(9)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU VLP	Duty Cycle (%):	95.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.19
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	5.91
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6145	-17.49	-16.96	-	-	-14.21	5.91	-8.30	-5.00	-3.30
6225	-17.83	-16.37	-	-	-14.03	5.91	-8.12	-5.00	-3.12
6385	-14.15	-14.13	-	-	-11.13	3.81	-7.32	-5.00	-2.32
6625	-14.73	-14.25	-	-	-11.47	3.96	-7.51	-5.00	-2.51
6705	-14.27	-14.08	-	-	-11.16	3.96	-7.20	-5.00	-2.20
6785	-14.33	-14.26	-	-	-11.29	3.96	-7.33	-5.00	-2.33

Table 271 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-7
Limit Clause(s):	15.407(a)(9)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU VLP	Duty Cycle (%):	92.6
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.33
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	5.91
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6185	-16.16	-15.69	-	-	-12.91	5.91	-7.00	-5.00	-2.00
6345	-13.96	-13.73	-	-	-10.83	3.81	-7.02	-5.00	-2.02
6665	-14.06	-13.48	-	-	-10.75	3.96	-6.79	-5.00	-1.79

Table 272 - Maximum Power Spectral Density Results



MIMO SDM

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU LPI	Duty Cycle (%):	93.3
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.30
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	3.55
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	-10.21	-9.84	-	-	-7.01	3.55	-3.46	-1.00	-2.46
6175	-9.56	-8.73	-	-	-6.11	2.90	-3.21	-1.00	-2.21
6415	-7.13	-6.91	-	-	-4.01	0.80	-3.20	-1.00	-2.20
6435	-6.91	-6.51	-	-	-3.69	0.66	-3.04	-1.00	-2.04
6475	-7.05	-6.71	-	-	-3.87	0.66	-3.21	-1.00	-2.21
6515	-6.85	-6.48	-	-	-3.65	0.66	-3.00	-1.00	-2.00
6535	-7.69	-6.80	-	-	-4.21	0.95	-3.26	-1.00	-2.26
6695	-7.64	-6.98	-	-	-4.28	0.95	-3.33	-1.00	-2.33
6855	-7.33	-6.77	-	-	-4.03	0.95	-3.08	-1.00	-2.08
6875	-7.72	-7.46	-	-	-4.57	1.04	-3.53	-1.00	-2.53
6895	-7.72	-7.28	-	-	-4.48	1.04	-3.44	-1.00	-2.44
6995	-7.64	-6.75	-	-	-4.16	1.04	-3.12	-1.00	-2.12
7095	-7.99	-7.02	-	-	-4.47	1.04	-3.43	-1.00	-2.43

Table 273 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU LPI	Duty Cycle (%):	93.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.32
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	3.55
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5965	-10.05	-9.65	-	-	-6.84	3.55	-3.29	-1.00	-2.29
6165	-10.47	-9.04	-	-	-6.69	2.90	-3.79	-1.00	-2.79
6405	-7.41	-7.09	-	-	-4.24	0.80	-3.43	-1.00	-2.43
6445	-6.97	-6.95	-	-	-3.95	0.66	-3.29	-1.00	-2.29
6485	-7.34	-6.83	-	-	-4.07	0.66	-3.41	-1.00	-2.41
6525	-7.76	-7.26	-	-	-4.49	0.95	-3.54	-1.00	-2.54
6565	-8.02	-7.09	-	-	-4.52	0.95	-3.57	-1.00	-2.57
6685	-8.09	-7.16	-	-	-4.59	0.95	-3.64	-1.00	-2.64
6845	-7.54	-7.29	-	-	-4.40	0.95	-3.45	-1.00	-2.45
6885	-8.16	-7.60	-	-	-4.86	1.04	-3.82	-1.00	-2.82
6925	-7.89	-7.50	-	-	-4.68	1.04	-3.64	-1.00	-2.64
7005	-8.24	-7.32	-	-	-4.74	1.04	-3.70	-1.00	-2.70
7085	-8.46	-7.66	-	-	-5.03	1.04	-3.99	-1.00	-2.99

Table 274 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU LPI	Duty Cycle (%):	92.7
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.33
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	3.55
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5985	-9.94	-10.05	-	-	-6.99	3.55	-3.43	-1.00	-2.43
6145	-10.26	-8.91	-	-	-6.52	2.90	-3.62	-1.00	-2.62
6385	-7.12	-7.14	-	-	-4.12	0.80	-3.32	-1.00	-2.32
6465	-6.70	-6.58	-	-	-3.63	0.66	-2.97	-1.00	-1.97
6545	-7.33	-6.85	-	-	-4.08	0.95	-3.12	-1.00	-2.12
6625	-7.48	-6.93	-	-	-4.19	0.95	-3.24	-1.00	-2.24
6705	-6.81	-6.81	-	-	-3.80	0.95	-2.85	-1.00	-1.85
6785	-7.11	-6.88	-	-	-3.98	0.95	-3.03	-1.00	-2.03
6865	-8.07	-7.46	-	-	-4.74	1.04	-3.70	-1.00	-2.70
6945	-7.11	-7.13	-	-	-4.11	1.04	-3.07	-1.00	-2.07
7025	-7.74	-7.23	-	-	-4.47	1.04	-3.43	-1.00	-2.43

Table 275 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU LPI	Duty Cycle (%):	89.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.51
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	3.55
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6025	-9.42	-9.36	-	-	-6.38	3.55	-2.83	-1.00	-1.83
6185	-9.20	-8.60	-	-	-5.88	2.90	-2.98	-1.00	-1.98
6345	-6.89	-6.63	-	-	-3.75	0.80	-2.95	-1.00	-1.95
6505	-7.06	-6.76	-	-	-3.90	0.95	-2.95	-1.00	-1.95
6665	-7.17	-6.13	-	-	-3.61	0.95	-2.66	-1.00	-1.66
6825	-7.05	-6.74	-	-	-3.88	1.04	-2.84	-1.00	-1.84
6985	-7.20	-6.83	-	-	-4.00	1.04	-2.96	-1.00	-1.96

Table 276 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU26 LPI	Duty Cycle (%):	97.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.13
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	3.55
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU26.0)	-10.50	-9.87	-	-	-7.16	3.55	-3.61	-1.00	-2.61
6175 (RU26.0)	-10.21	-9.71	-	-	-6.94	2.90	-4.04	-1.00	-3.04
6415 (RU26.8)	-7.43	-8.01	-	-	-4.70	0.80	-3.89	-1.00	-2.89
6435 (RU26.0)	-7.28	-7.68	-	-	-4.46	0.66	-3.81	-1.00	-2.81
6475 (RU26.0)	-7.32	-7.82	-	-	-4.56	0.66	-3.90	-1.00	-2.90
6515 (RU26.8)	-7.62	-7.87	-	-	-4.73	0.66	-4.08	-1.00	-3.08
6535 (RU26.0)	-7.43	-8.00	-	-	-4.70	0.95	-3.75	-1.00	-2.75
6695 (RU26.0)	-7.46	-8.12	-	-	-4.76	0.95	-3.81	-1.00	-2.81
6855 (RU26.8)	-7.19	-7.59	-	-	-4.38	0.95	-3.43	-1.00	-2.43
6875 (RU26.3)	-8.22	-8.01	-	-	-5.10	0.95	-4.15	-1.00	-3.15
6875 (RU26.5)	-7.88	-8.04	-	-	-4.95	1.04	-3.91	-1.00	-2.91
6895 (RU26.0)	-8.46	-8.09	-	-	-5.26	1.04	-4.22	-1.00	-3.22
6995 (RU26.0)	-8.61	-8.28	-	-	-5.43	1.04	-4.39	-1.00	-3.39
7095 (RU26.8)	-7.65	-8.49	-	-	-5.04	1.04	-3.99	-1.00	-2.99

Table 277 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU52 LPI	Duty Cycle (%):	97.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.13
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	3.55
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU52.37)	-10.23	-10.13	-	-	-7.17	3.55	-3.62	-1.00	-2.62
6175 (RU52.37)	-10.16	-9.71	-	-	-6.92	2.90	-4.02	-1.00	-3.02
6415 (RU52.40)	-6.73	-7.58	-	-	-4.12	0.80	-3.32	-1.00	-2.32
6435 (RU52.37)	-6.84	-7.15	-	-	-3.98	0.66	-3.33	-1.00	-2.33
6475 (RU52.37)	-6.87	-7.42	-	-	-4.13	0.66	-3.47	-1.00	-2.47
6515 (RU52.40)	-7.03	-7.00	-	-	-4.01	0.66	-3.35	-1.00	-2.35
6535 (RU52.37)	-7.19	-7.39	-	-	-4.28	0.95	-3.33	-1.00	-2.33
6695 (RU52.37)	-6.65	-7.53	-	-	-4.06	0.95	-3.11	-1.00	-2.11
6855 (RU52.40)	-7.11	-7.09	-	-	-4.09	0.95	-3.14	-1.00	-2.14
6875 (RU52.38)	-7.50	-7.74	-	-	-4.61	0.95	-3.66	-1.00	-2.66
6875 (RU52.39)	-7.84	-7.64	-	-	-4.73	1.04	-3.69	-1.00	-2.69
6895 (RU52.37)	-7.70	-7.43	-	-	-4.55	1.04	-3.51	-1.00	-2.51
6995 (RU52.37)	-8.29	-8.12	-	-	-5.20	1.04	-4.15	-1.00	-3.15
7095 (RU52.40)	-7.77	-7.78	-	-	-4.77	1.04	-3.72	-1.00	-2.72

Table 278 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU106 LPI	Duty Cycle (%):	97.8
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.10
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	3.55
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU106.53)	-10.17	-9.92	-	-	-7.03	3.55	-3.48	-1.00	-2.48
6175 (RU106.53)	-9.93	-9.45	-	-	-6.67	2.90	-3.77	-1.00	-2.77
6415 (RU106.54)	-6.26	-6.53	-	-	-3.38	0.80	-2.58	-1.00	-1.58
6435 (RU106.53)	-6.37	-7.09	-	-	-3.70	0.66	-3.05	-1.00	-2.05
6475 (RU106.53)	-6.84	-6.77	-	-	-3.80	0.66	-3.14	-1.00	-2.14
6515 (RU106.54)	-6.62	-6.78	-	-	-3.69	0.66	-3.03	-1.00	-2.03
6535 (RU106.53)	-6.77	-6.49	-	-	-3.62	0.95	-2.67	-1.00	-1.67
6695 (RU106.53)	-6.80	-6.40	-	-	-3.58	0.95	-2.63	-1.00	-1.63
6855 (RU106.54)	-6.53	-7.11	-	-	-3.80	0.95	-2.85	-1.00	-1.85
6875 (RU106.53)	-7.29	-7.74	-	-	-4.50	0.95	-3.55	-1.00	-2.55
6875 (RU106.54)	-7.36	-7.66	-	-	-4.49	1.04	-3.45	-1.00	-2.45
6895 (RU106.53)	-7.23	-7.20	-	-	-4.21	1.04	-3.17	-1.00	-2.17
6995 (RU106.53)	-7.45	-7.28	-	-	-4.35	1.04	-3.31	-1.00	-2.31
7095 (RU106.54)	-6.95	-7.33	-	-	-4.12	1.04	-3.08	-1.00	-2.08

Table 279 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU SP	Duty Cycle (%):	93.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.30
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	3.55
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	7.76	8.21	-	-	11.00	3.55	14.55	17.00	-2.45
6175	7.39	8.50	-	-	10.99	2.90	13.89	17.00	-3.11
6415	9.36	9.64	-	-	12.51	0.80	13.32	17.00	-3.68
6535	8.99	9.64	-	-	12.34	0.95	13.29	17.00	-3.71
6695	9.29	9.71	-	-	12.51	0.95	13.46	17.00	-3.54
6855	9.35	9.46	-	-	12.42	0.95	13.37	17.00	-3.63

Table 280 - Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6435	9.14	9.77	-	-	12.48	0.66	13.13	17.00	-3.87
6475	9.47	10.01	-	-	12.76	0.66	13.42	17.00	-3.58
6515	8.85	9.63	-	-	12.27	0.66	12.93	17.00	-4.07

Table 281 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU SP	Duty Cycle (%):	93.2
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.31
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	3.55
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5965	6.35	6.00	-	-	9.19	3.55	12.74	17.00	-4.26
6165	5.21	6.35	-	-	8.83	2.90	11.73	17.00	-5.27
6405	6.92	7.16	-	-	10.05	0.80	10.86	17.00	-6.14
6565	5.77	6.81	-	-	9.33	0.95	10.28	17.00	-6.72
6685	6.02	7.02	-	-	9.56	0.95	10.51	17.00	-6.49
6845	6.27	6.67	-	-	9.49	0.95	10.44	17.00	-6.56

Table 282 - Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6445	6.58	6.56	-	-	9.58	0.66	10.24	17.00	-6.76
6485	6.77	6.94	-	-	9.87	0.66	10.53	17.00	-6.47
6525	5.99	6.93	-	-	9.50	0.95	10.45	17.00	-6.55

Table 283 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU SP	Duty Cycle (%):	92.8
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.33
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	3.55
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5985	3.52	2.97	-	-	6.27	3.55	9.82	17.00	-7.18
6145	2.19	3.43	-	-	5.86	2.90	8.76	17.00	-8.24
6385	4.00	3.98	-	-	7.00	0.80	7.81	17.00	-9.19
6625	3.03	3.94	-	-	6.52	0.95	7.47	17.00	-9.53
6705	3.40	3.82	-	-	6.63	0.95	7.58	17.00	-9.42
6785	3.62	4.31	-	-	6.99	0.95	7.94	17.00	-9.06

Table 284 - Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6465	3.61	3.97	-	-	6.80	0.66	7.46	17.00	-9.54
6545	3.54	4.19	-	-	6.89	0.95	7.84	17.00	-9.16

Table 285 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU SP	Duty Cycle (%):	89.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.51
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	3.55
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6025	-0.61	-0.59	-	-	2.41	3.55	5.96	17.00	-11.04
6185	-1.52	-0.66	-	-	1.94	2.90	4.84	17.00	-12.16
6345	-0.73	-0.27	-	-	2.52	0.80	3.32	17.00	-13.68
6665	-2.13	-1.09	-	-	1.43	0.95	2.38	17.00	-14.62

Table 286 - Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6505	-1.98	-1.45	-	-	1.30	0.95	2.25	17.00	-14.75

Table 287 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU26 SP	Duty Cycle (%):	97.2
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.12
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	3.55
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU26.0)	7.87	8.46	-	-	11.19	3.55	14.74	17.00	-2.26
6175 (RU26.0)	7.58	8.39	-	-	11.01	2.90	13.91	17.00	-3.09
6415 (RU26.8)	10.66	10.40	-	-	13.55	0.80	14.35	17.00	-2.65
6535 (RU26.0)	9.53	10.75	-	-	13.20	0.95	14.15	17.00	-2.85
6695 (RU26.0)	9.52	10.60	-	-	13.10	0.95	14.05	17.00	-2.95
6855 (RU26.8)	10.14	10.71	-	-	13.44	0.95	14.39	17.00	-2.61

Table 288 - Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6435 (RU26.0)	9.66	10.31	-	-	13.01	0.66	13.67	17.00	-3.33
6475 (RU26.0)	9.99	10.61	-	-	13.32	0.66	13.98	17.00	-3.02
6515 (RU26.8)	9.80	10.63	-	-	13.25	0.66	13.90	17.00	-3.10

Table 289 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU52 SP	Duty Cycle (%):	97.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.13
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	3.55
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU52.37)	7.96	8.51	-	-	11.25	3.55	14.80	17.00	-2.20
6175 (RU52.37)	7.66	8.84	-	-	11.30	2.90	14.20	17.00	-2.80
6415 (RU52.40)	10.57	11.12	-	-	13.86	0.80	14.67	17.00	-2.33
6535 (RU52.37)	9.52	10.83	-	-	13.23	0.95	14.18	17.00	-2.82
6695 (RU52.37)	10.20	10.87	-	-	13.56	0.95	14.51	17.00	-2.49
6855 (RU52.40)	9.99	10.98	-	-	13.52	0.95	14.47	17.00	-2.53

Table 290 - Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6435 (RU52.37)	9.98	10.87	-	-	13.46	0.66	14.12	17.00	-2.88
6475 (RU52.37)	9.89	10.94	-	-	13.46	0.66	14.11	17.00	-2.89
6515 (RU52.40)	9.26	10.95	-	-	13.20	0.66	13.86	17.00	-3.14

Table 291 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU106 SP	Duty Cycle (%):	97.8
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.10
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	3.55
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU106.53)	8.05	8.58	-	-	11.34	3.55	14.89	17.00	-2.11
6175 (RU106.53)	7.78	9.13	-	-	11.52	2.90	14.42	17.00	-2.58
6415 (RU106.54)	11.09	11.15	-	-	14.13	0.80	14.93	17.00	-2.07
6535 (RU106.53)	10.52	11.14	-	-	13.85	0.95	14.80	17.00	-2.20
6695 (RU106.53)	10.41	11.00	-	-	13.72	0.95	14.67	17.00	-2.33
6855 (RU106.54)	10.32	10.99	-	-	13.68	0.95	14.63	17.00	-2.37

Table 292 - Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6435 (RU106.53)	10.81	11.21	-	-	14.02	0.66	14.68	17.00	-2.32
6475 (RU106.53)	10.56	11.15	-	-	13.87	0.66	14.53	17.00	-2.47
6515 (RU106.54)	10.38	10.75	-	-	13.58	0.66	14.24	17.00	-2.76

Table 293 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-7
Limit Clause(s):	15.407(a)(9)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU VLP	Duty Cycle (%):	93.3
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.30
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	2.90
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6115	-13.94	-13.78	-	-	-10.85	2.90	-7.95	-5.00	-2.95
6255	-14.34	-13.52	-	-	-10.90	2.90	-8.00	-5.00	-3.00
6415	-10.90	-11.64	-	-	-8.25	0.80	-7.44	-5.00	-2.44
6535	-11.04	-11.55	-	-	-8.28	0.95	-7.33	-5.00	-2.33
6695	-11.13	-12.10	-	-	-8.58	0.95	-7.63	-5.00	-2.63
6855	-11.29	-12.41	-	-	-8.80	0.95	-7.85	-5.00	-2.85

Table 294 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-7
Limit Clause(s):	15.407(a)(9)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU VLP	Duty Cycle (%):	91.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.39
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	2.90
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6125	-14.37	-13.95	-	-	-11.14	2.90	-8.24	-5.00	-3.24
6245	-14.56	-13.89	-	-	-11.20	2.90	-8.30	-5.00	-3.30
6405	-11.30	-11.11	-	-	-8.19	0.80	-7.39	-5.00	-2.39
6565	-11.55	-11.38	-	-	-8.45	0.95	-7.50	-5.00	-2.50
6725	-11.43	-11.47	-	-	-8.44	0.95	-7.49	-5.00	-2.49
6845	-11.46	-11.11	-	-	-8.27	0.95	-7.32	-5.00	-2.32

Table 295 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-7
Limit Clause(s):	15.407(a)(9)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU VLP	Duty Cycle (%):	92.8
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.33
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	2.90
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6145	-13.93	-12.90	-	-	-10.37	2.90	-7.47	-5.00	-2.47
6225	-13.21	-13.04	-	-	-10.11	2.90	-7.21	-5.00	-2.21
6385	-10.91	-11.18	-	-	-8.03	0.80	-7.23	-5.00	-2.23
6625	-11.52	-11.02	-	-	-8.25	0.95	-7.30	-5.00	-2.30
6705	-11.20	-10.94	-	-	-8.05	0.95	-7.10	-5.00	-2.10
6785	-11.01	-11.01	-	-	-8.00	0.95	-7.05	-5.00	-2.05

Table 296 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-7
Limit Clause(s):	15.407(a)(9)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU VLP	Duty Cycle (%):	89.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.51
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	2.90
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6185	-13.93	-13.04	-	-	-10.45	2.90	-7.55	-5.00	-2.55
6345	-11.11	-10.98	-	-	-8.04	0.80	-7.23	-5.00	-2.23
6665	-11.99	-11.42	-	-	-8.69	0.95	-7.74	-5.00	-2.74

Table 297 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-7
Limit Clause(s):	15.407(a)(9)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU106 VLP	Duty Cycle (%):	97.8
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.10
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	0.95
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6275 (RU106.53)	-12.75	-11.35	-	-	-8.99	0.80	-8.18	-5.00	-3.18
6335 (RU106.53)	-11.29	-11.10	-	-	-8.18	0.80	-7.38	-5.00	-2.38
6415 (RU106.54)	-10.70	-11.24	-	-	-7.95	0.80	-7.15	-5.00	-2.15
6535 (RU106.53)	-11.13	-11.49	-	-	-8.30	0.95	-7.35	-5.00	-2.35
6695 (RU106.53)	-11.28	-11.95	-	-	-8.59	0.95	-7.64	-5.00	-2.64
6855 (RU106.54)	-10.71	-11.05	-	-	-7.86	0.95	-6.91	-5.00	-1.91

Table 298 - Maximum Power Spectral Density Results



TxBF:

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU LPI	Duty Cycle (%):	86.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.65
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	4.03
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6275	-10.67	-9.90	-	-	-7.26	3.81	-3.45	-1.00	-2.45
6335	-10.08	-9.92	-	-	-6.99	3.81	-3.18	-1.00	-2.18
6415	-9.73	-10.17	-	-	-6.94	3.81	-3.12	-1.00	-2.12
6435	-9.68	-9.70	-	-	-6.68	3.66	-3.02	-1.00	-2.02
6475	-9.63	-9.72	-	-	-6.66	3.66	-3.00	-1.00	-2.00
6515	-10.75	-10.30	-	-	-7.51	3.66	-3.85	-1.00	-2.85
6535	-10.69	-10.01	-	-	-7.33	3.96	-3.37	-1.00	-2.37
6695	-10.00	-10.72	-	-	-7.34	3.96	-3.37	-1.00	-2.37
6855	-10.01	-10.32	-	-	-7.15	3.96	-3.19	-1.00	-2.19
6875	-10.65	-10.97	-	-	-7.80	3.96	-3.84	-1.00	-2.84
6895	-10.66	-10.94	-	-	-7.79	4.03	-3.76	-1.00	-2.76
6995	-9.94	-10.26	-	-	-7.08	4.03	-3.05	-1.00	-2.05
7095	-10.08	-11.26	-	-	-7.62	4.03	-3.59	-1.00	-2.59

Table 299 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU LPI	Duty Cycle (%):	88.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.52
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	6.56
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5965	-13.03	-12.74	-	-	-9.87	6.56	-3.31	-1.00	-2.31
6165	-13.26	-12.23	-	-	-9.70	5.91	-3.79	-1.00	-2.79
6405	-10.73	-10.38	-	-	-7.54	3.81	-3.73	-1.00	-2.73
6445	-10.83	-10.61	-	-	-7.71	3.66	-4.04	-1.00	-3.04
6485	-10.46	-9.93	-	-	-7.18	3.66	-3.51	-1.00	-2.51
6525	-10.80	-10.82	-	-	-7.80	3.66	-4.13	-1.00	-3.13
6565	-10.96	-10.15	-	-	-7.52	3.96	-3.56	-1.00	-2.56
6685	-10.30	-10.29	-	-	-7.29	3.96	-3.33	-1.00	-2.33
6845	-10.68	-10.95	-	-	-7.80	3.96	-3.84	-1.00	-2.84
6885	-11.67	-11.19	-	-	-8.41	4.27	-4.14	-1.00	-3.14
6925	-11.31	-10.87	-	-	-8.07	4.03	-4.04	-1.00	-3.04
7005	-11.09	-10.55	-	-	-7.80	4.03	-3.77	-1.00	-2.77
7085	-11.15	-10.67	-	-	-7.89	4.03	-3.86	-1.00	-2.86

Table 300 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU LPI	Duty Cycle (%):	89.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.47
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	6.56
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5985	-13.63	-12.89	-	-	-10.24	6.56	-3.68	-1.00	-2.68
6145	-13.37	-12.41	-	-	-9.85	5.91	-3.94	-1.00	-2.94
6385	-10.74	-10.47	-	-	-7.59	3.81	-3.78	-1.00	-2.78
6465	-10.57	-10.32	-	-	-7.43	3.66	-3.77	-1.00	-2.77
6545	-10.30	-10.05	-	-	-7.16	3.96	-3.20	-1.00	-2.20
6625	-10.73	-10.89	-	-	-7.80	3.96	-3.84	-1.00	-2.84
6705	-10.25	-10.13	-	-	-7.18	3.96	-3.22	-1.00	-2.22
6785	-10.43	-10.41	-	-	-7.41	3.96	-3.45	-1.00	-2.45
6865	-11.39	-10.73	-	-	-8.04	3.96	-4.08	-1.00	-3.08
6945	-10.99	-10.87	-	-	-7.92	4.03	-3.89	-1.00	-2.89
7025	-11.02	-11.01	-	-	-8.01	4.03	-3.98	-1.00	-2.98

Table 301 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU SP	Duty Cycle (%):	87.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.57
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	6.56
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	4.23	4.82	-	-	7.54	6.56	14.10	17.00	-2.90
6175	5.10	5.49	-	-	8.31	5.91	14.22	17.00	-2.78
6415	6.97	7.07	-	-	10.03	3.81	13.85	17.00	-3.15
6435	7.17	7.34	-	-	10.27	3.66	13.93	17.00	-3.07
6475	7.25	7.71	-	-	10.49	3.66	14.16	17.00	-2.84
6515	7.17	7.56	-	-	10.38	3.66	14.04	17.00	-2.96
6535	6.99	7.53	-	-	10.28	3.96	14.24	17.00	-2.76
6695	7.07	7.09	-	-	10.09	3.96	14.05	17.00	-2.95
6855	7.19	7.68	-	-	10.45	3.96	14.41	17.00	-2.59

Table 302 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU SP	Duty Cycle (%):	88.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.55
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	6.56
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5965	3.97	4.85	-	-	7.44	6.56	14.00	17.00	-3.00
6165	4.43	4.97	-	-	7.72	5.91	13.63	17.00	-3.37
6405	6.18	6.60	-	-	9.41	3.81	13.22	17.00	-3.78
6445	6.56	6.70	-	-	9.64	3.66	13.31	17.00	-3.69
6485	6.52	6.60	-	-	9.57	3.66	13.23	17.00	-3.77
6525	6.66	6.57	-	-	9.62	3.66	13.29	17.00	-3.71
6565	6.63	6.56	-	-	9.61	3.96	13.57	17.00	-3.43
6685	6.48	6.63	-	-	9.56	3.96	13.52	17.00	-3.48
6845	6.19	6.64	-	-	9.43	3.96	13.39	17.00	-3.61

Table 303 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU SP	Duty Cycle (%):	89.6
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.48
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	6.56
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5985	0.71	1.08	-	-	3.91	6.56	10.47	17.00	-6.53
6145	1.36	2.03	-	-	4.72	5.91	10.63	17.00	-6.37
6385	3.86	3.76	-	-	6.82	3.81	10.63	17.00	-6.37
6465	3.61	3.65	-	-	6.64	3.66	10.30	17.00	-6.70
6545	3.79	3.34	-	-	6.58	3.96	10.54	17.00	-6.46
6625	3.44	3.49	-	-	6.48	3.96	10.44	17.00	-6.56
6705	3.58	3.56	-	-	6.58	3.96	10.54	17.00	-6.46
6785	3.62	3.84	-	-	6.74	3.96	10.70	17.00	-6.30

Table 304 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-7
Limit Clause(s):	15.407(a)(9)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU VLP	Duty Cycle (%):	89.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.47
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	5.91
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6145	-17.56	-16.22	-	-	-13.83	5.91	-7.92	-5.00	-2.92
6225	-18.09	-16.14	-	-	-14.00	5.91	-8.09	-5.00	-3.09
6385	-14.19	-14.28	-	-	-11.23	3.81	-7.41	-5.00	-2.41
6625	-14.31	-14.20	-	-	-11.25	3.96	-7.29	-5.00	-2.29
6705	-14.39	-14.87	-	-	-11.61	3.96	-7.65	-5.00	-2.65
6785	-13.81	-14.36	-	-	-11.07	3.96	-7.11	-5.00	-2.11

Table 305 - Maximum Power Spectral Density Results



FCC 47 CFR Part 15E, Limit Clause 15.407(a)(7)

For client devices, except for fixed client devices as defined in this subpart, operating under the control of a standard power access point in 5.925–6.425 GHz and 6.525–6.875 GHz bands, the maximum power spectral density must not exceed 17 dBm e.i.r.p. in any 1-megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm and the device must limit its power to no more than 6 dB below its associated standard power access point's authorized transmit power.

ISED RSS-248, Limit Clause 4.5.5

The following limits shall apply to standard client devices:

- a) the maximum e.i.r.p. spectral density shall not exceed 17 dBm/MHz
- b) the maximum e.i.r.p. over the 5925-6875 MHz frequency band shall not exceed 30 dBm and
- c) the maximum power limits shall remain at least 6 dB below the power levels authorized for the associated standard-power access point

FCC 47 CFR Part 15E, Limit Clause 15.407(a)(8)

For client devices operating under the control of an indoor access point in the 5.925-7.125 GHz bands, the maximum power spectral density must not exceed -1 dBm e.i.r.p. in any 1-megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 24 dBm.

ISED RSS-248, Limit Clause 4.5.3

The following limits shall apply to low-power client devices.

- a) the maximum e.i.r.p. spectral density shall not exceed -1 dBm/MHz; and
- b) the maximum e.i.r.p. over the 5925-7125 MHz frequency band shall not exceed 24 dBm.



2.5.7 Test Location and Test Equipment Used

This test was carried out in RF Chamber 18.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Hygrometer	Rotronic	I-1000	3068	12	07-Nov-2024
1800-6000 MHz Power Splitter	Mini-Circuits	ZN2PD-63-S+	4055	-	O/P Mon
AC Programmable Power Supply	iTech	IT7324	5225	-	O/P Mon
Attenuator 5W 30dB DC-18GHz	Aaren	AT40A-4041-D18-30	5505	12	22-Feb-2025
MXA Signal Analyser	Keysight Technologies	N9020B	5529	24	13-Dec-2024
2-Way Power Divider (2-8 GHz)	Aaren	AT30A-TE0208-2-AF	5685	12	02-Jan-2025
Digital Multimeter	Fluke	115	6145	12	06-Jun-2025
Cable (SMA to SMA 1m)	Junkosha	MWX221/B	6305	12	20-May-2025
Cable (SMA to SMA 3m)	Junkosha	MWX221-03000AMSAMS/A	6317	12	23-May-2025
MXA Signal Analyser	Keysight Technologies	N9020B	6419	24	28-Feb-2025
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6426	12	07-Feb-2025
Directional Coupler 2-8GHz	RF-Lambda	RFDC2G8G10	6447	-	O/P Mon
Directional Coupler 2-8GHz	RF-Lambda	RFDC2G8G10	6448	-	O/P Mon
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6517	12	22-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6526	12	22-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6527	12	05-Mar-2025
AC Programmable Power Supply	iTech	IT7324	6665	-	O/P Mon
WiFi 6E Tri-Band Gaming Router	Asus	GT-AXE110000	6694	-	TU
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6752	12	06-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6753	12	06-Feb-2025

Table 306

TU - Traceability Unscheduled

O/P Mon - Output Monitored using calibrated equipment



2.6 Authorised Band Edges

2.6.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.407 (b)
ISED RSS-248, Clause 4.6
ISED RSS-GEN, Clause 6.13

2.6.2 Equipment Under Test and Modification State

A3239, S/N: D4D3YLHFTQ - Modification State 0
A3239, S/N: JL2G9T9QK5 - Modification State 0
A3239, S/N: FH9KV30V6N - Modification State 0
A3239, S/N: VGYNW5CQGJ - Modification State 0
A3239, S/N: W46MCWV5JP - Modification State 0
A3239, S/N: N20P49FFV9 - Modification State 0
A3239, S/N: FJWL4JMFXY - Modification State 0
A3239, S/N: V70G6T7027 - Modification State 0
A3239, S/N: N7C7VWDN4T - Modification State 0
A3239, S/N: F94MVK9JK6 - Modification State 0

2.6.3 Date of Test

31-July-2024 to 02-September-2024

2.6.4 Test Method

The test was performed in accordance with ANSI C63.10, clause 6.6.

For U-NII-5-8 channels, the limit line on the following plots equated to -27 dBm/MHz. EIRP and was converted to field strength at 3 m using the following formula:

Field Strength (dB μ V/m at 3 m) = EIRP (dBm) + 95.2 dB

As per KDB 987594, In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit.

Authorised band edge measurements were performed, with the device operating in SISO and MIMO configurations, across the various modes supported by the device.

The measurements displayed within this report, have been limited to those modes which have been shown to be worst case.

Further measurements are held on file by TÜV SÜD and are available if required.

2.6.5 Environmental Conditions

Ambient Temperature	22.0 - 23.5 °C
Relative Humidity	41.1 - 49.6 %

2.6.6 Test Results

6 GHz WLAN

20 MHz Bandwidth - Core 0 (SISO)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11a	54 Mbps	-	-	5955	5925	73.99	60.28
802.11ax HE20	MCS 11x1	SU	-	5955	5925	77.99	61.91
802.11ax HE20	MCS 11x1	106	53	5955	5925	69.34	48.92
802.11a	54 Mbps	-	-	7095	7125	57.84	45.94
802.11a	12 Mbps	-	-	7115	7125	81.78	63.40
802.11ax HE20	MCS 11x1	SU	-	7095	7125	58.45	46.06
802.11ax HE20	MCS 11x1	52	37	7095	7125	57.80	45.79

Table 307 - SISO Authorised Band Edge Results

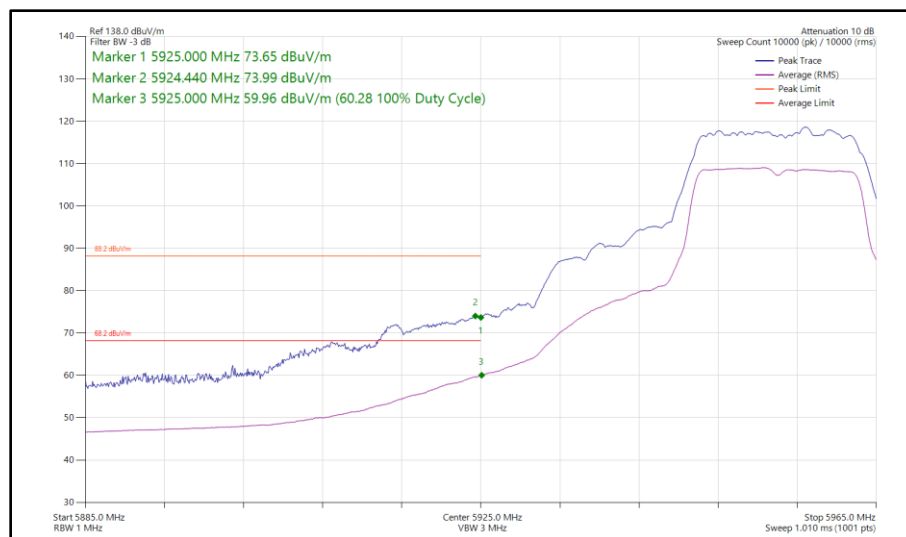
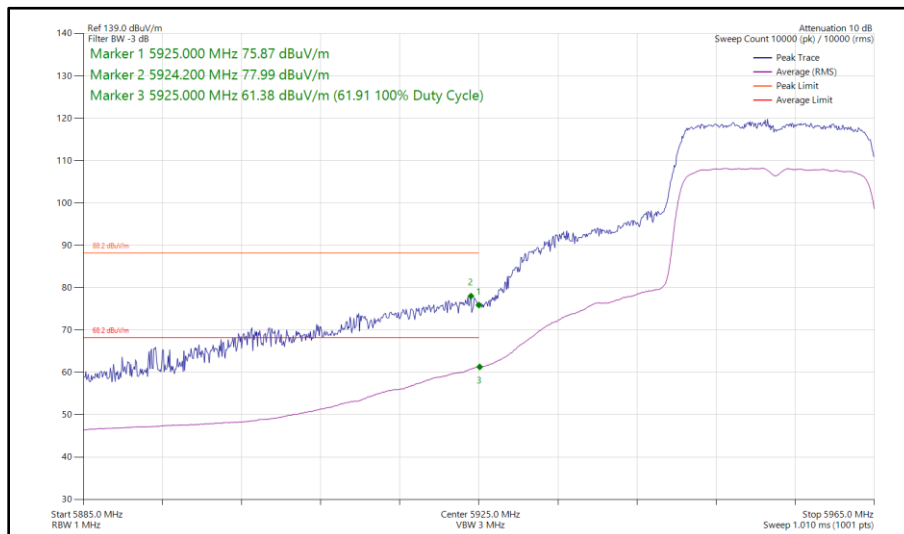
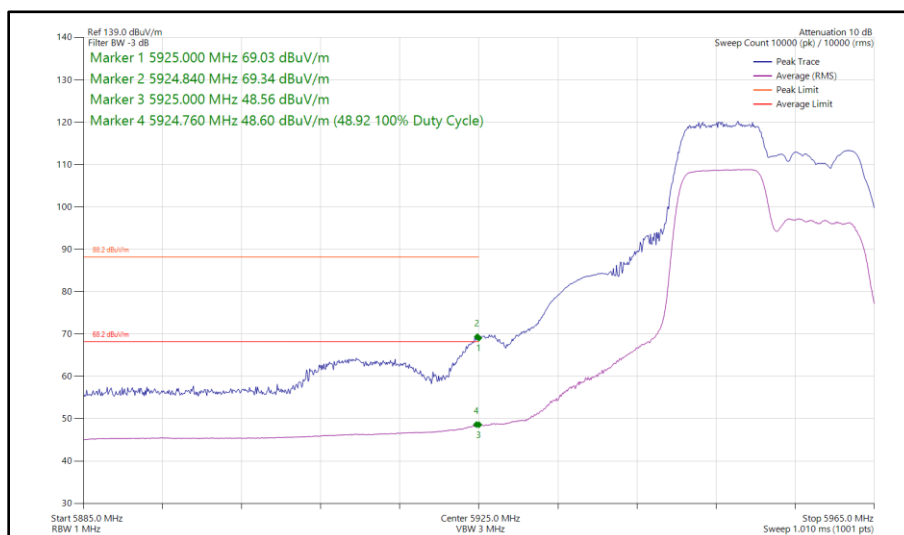


Figure 188 - 802.11a, SISO, Core 0 - 5955 MHz
Band Edge Frequency 5925 MHz



**Figure 189 - 802.11ax HE20, SU, SISO, Core 0 - 5955 MHz
Band Edge Frequency 5925 MHz**



**Figure 190 - 802.11ax HE20, RU 106-53, SISO, Core 0 - 5955 MHz
Band Edge Frequency 5925 MHz**

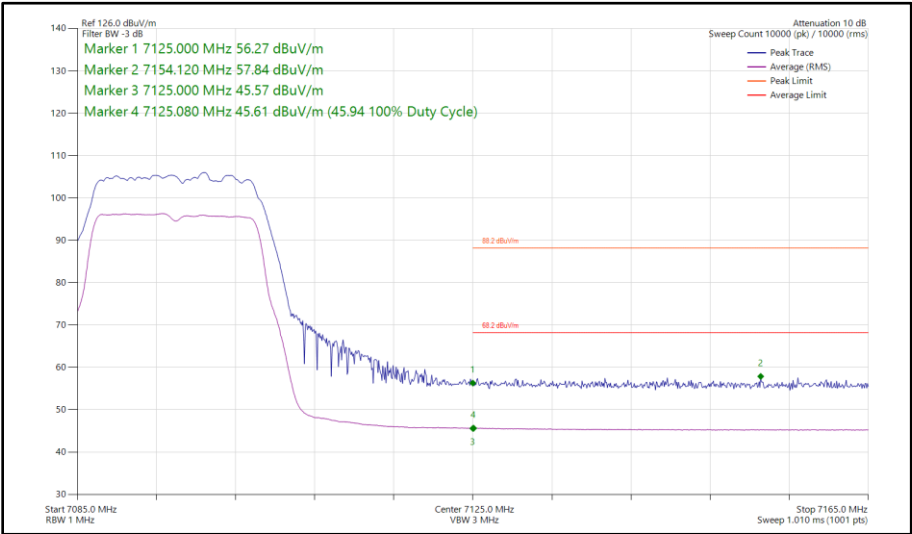


Figure 191 - 802.11a, SISO, Core 0 - 7095 MHz
Band Edge Frequency 7125 MHz

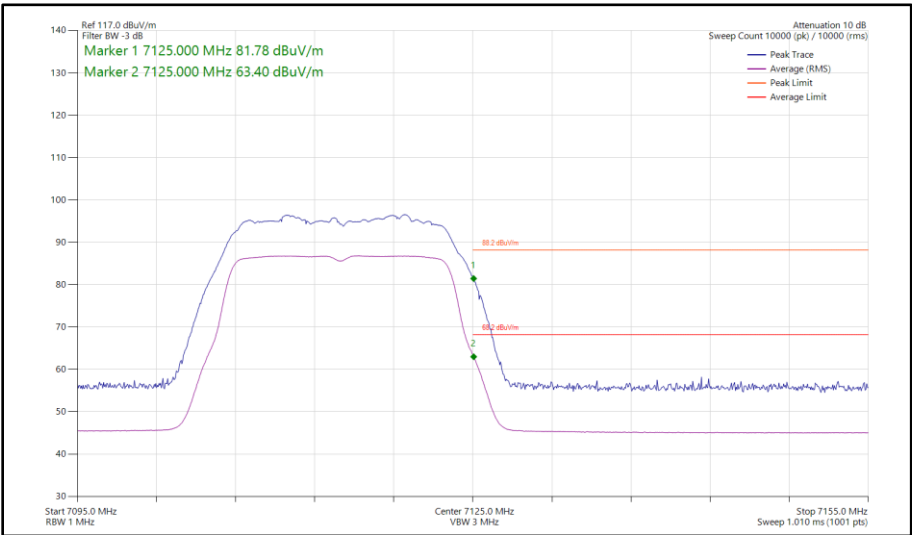
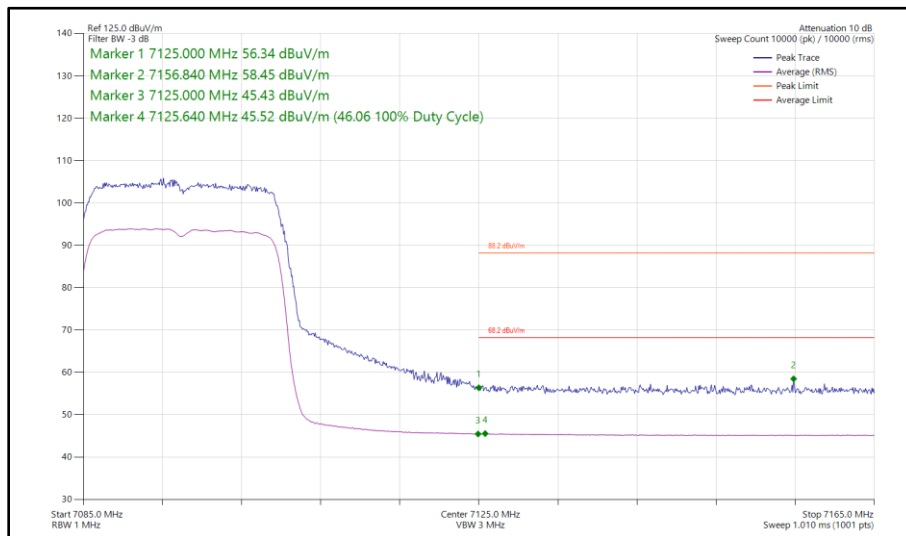
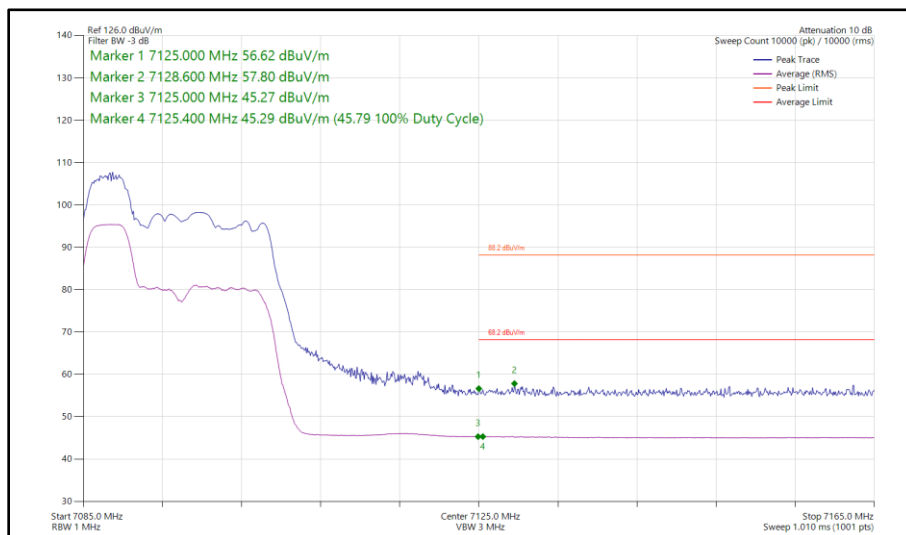


Figure 192 - 802.11a, SISO, Core 0 - 7115 MHz
Band Edge Frequency 7125 MHz



**Figure 193 - 802.11ax HE20, SU, SISO, Core 0 - 7095 MHz
Band Edge Frequency 7125 MHz**



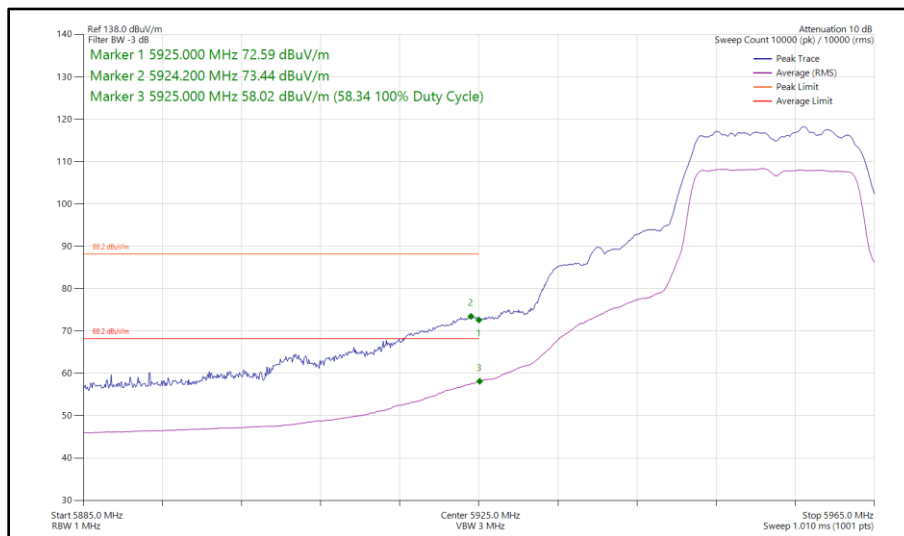
**Figure 194 - 802.11ax HE20, RU 52-37, SISO, Core 0 - 7095 MHz
Band Edge Frequency 7125 MHz**



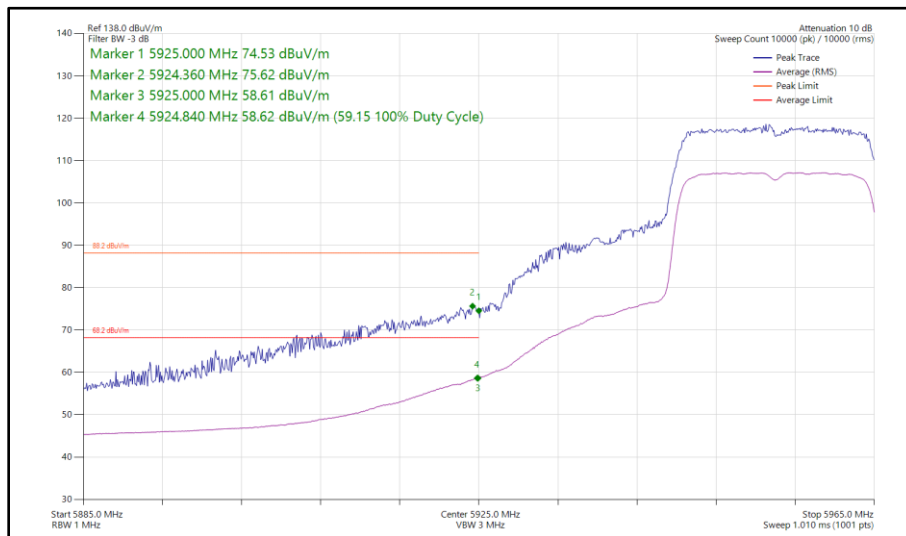
20 MHz Bandwidth - Core 1 (SISO)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11a	54 Mbps	-	-	5955	5925	73.44	58.34
802.11ax HE20	MCS 11x1	SU	-	5955	5925	75.62	59.15
802.11ax HE20	MCS 11x1	106	53	5955	5925	69.35	48.49
802.11a	54 Mbps	-	-	7095	7125	57.82	45.96
802.11a	54 Mbps	-	-	7115	7125	82.20	64.82
802.11ax HE20	MCS 11x1	SU	-	7095	7125	58.39	46.18
802.11ax HE20	MCS 11x1	106	54	7095	7125	57.54	45.87

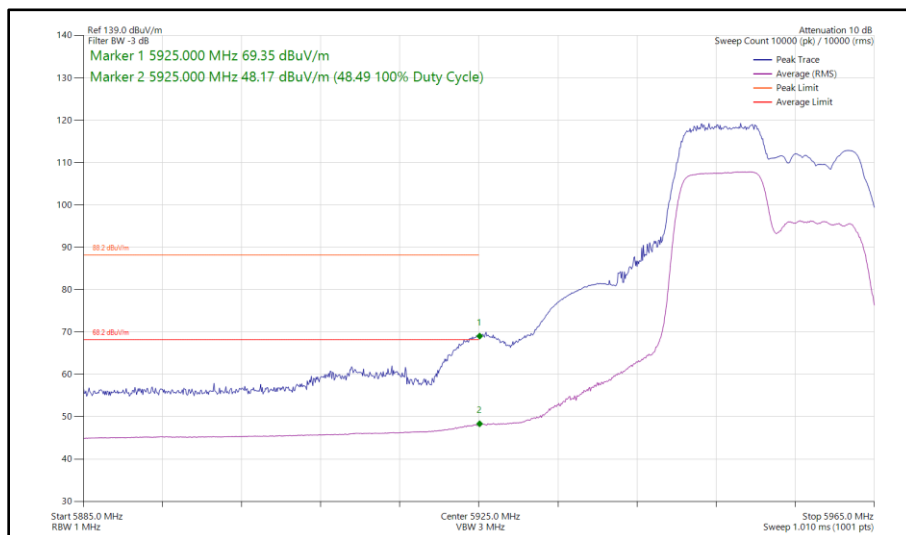
Table 308 - SISO Authorised Band Edge Results



**Figure 195 - 802.11a, SISO, Core 1 - 5955 MHz
Band Edge Frequency 5925 MHz**



**Figure 196 - 802.11ax HE20, SU, SISO, Core 1 - 5955 MHz
Band Edge Frequency 5925 MHz**



**Figure 197 - 802.11ax HE20, RU 106-53, SISO, Core 1 - 5955 MHz
Band Edge Frequency 5925 MHz**

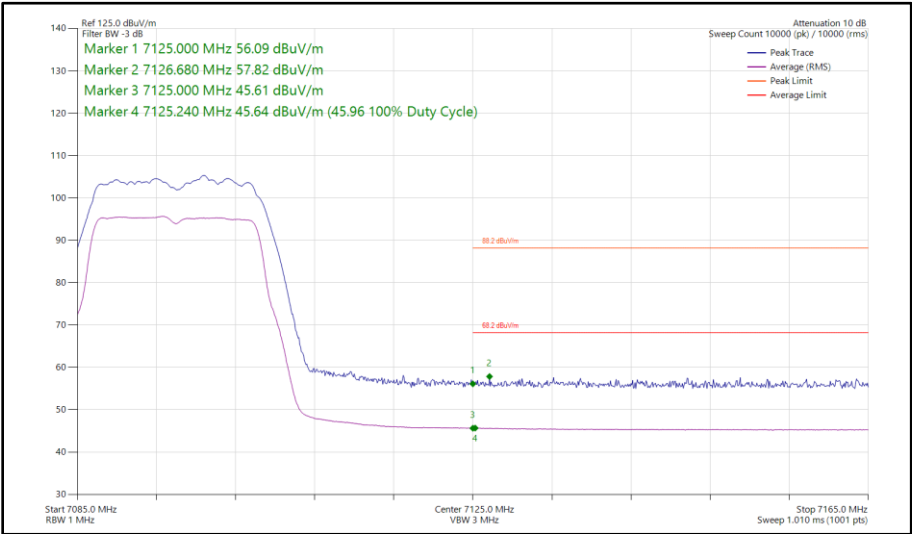


Figure 198 - 802.11a, SISO, Core 1 - 7095 MHz
Band Edge Frequency 7125 MHz

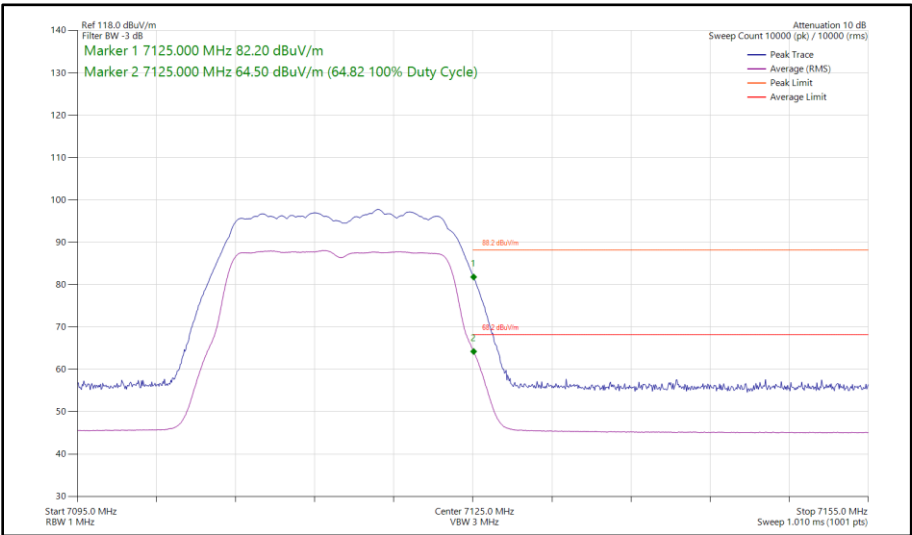
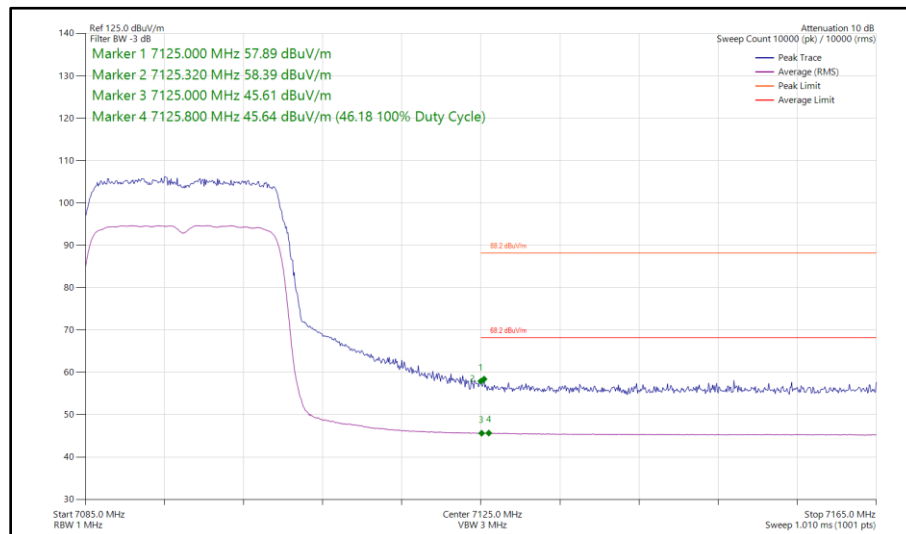
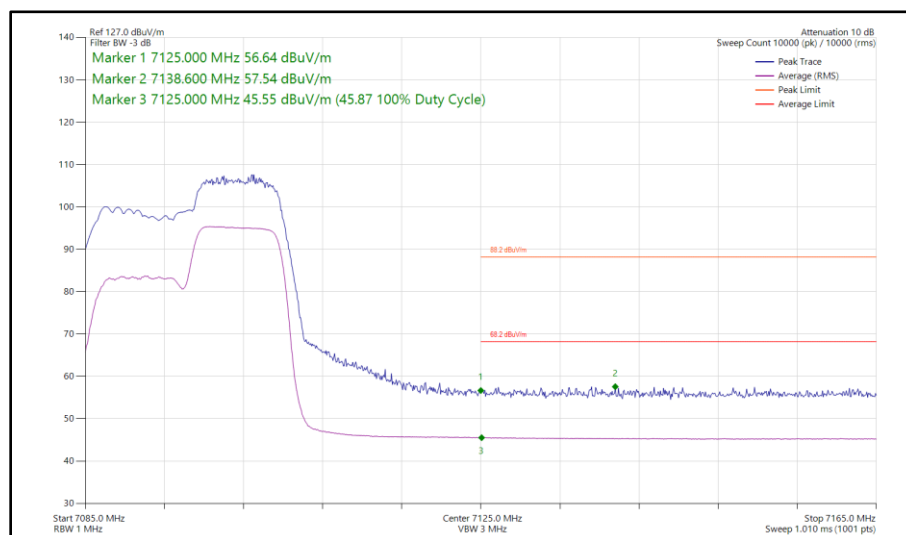


Figure 199 - 802.11a, SISO, Core 1 - 7115 MHz
Band Edge Frequency 7125 MHz



**Figure 200 - 802.11ax HE20, SU, SISO, Core 1 - 7095 MHz
Band Edge Frequency 7125 MHz**

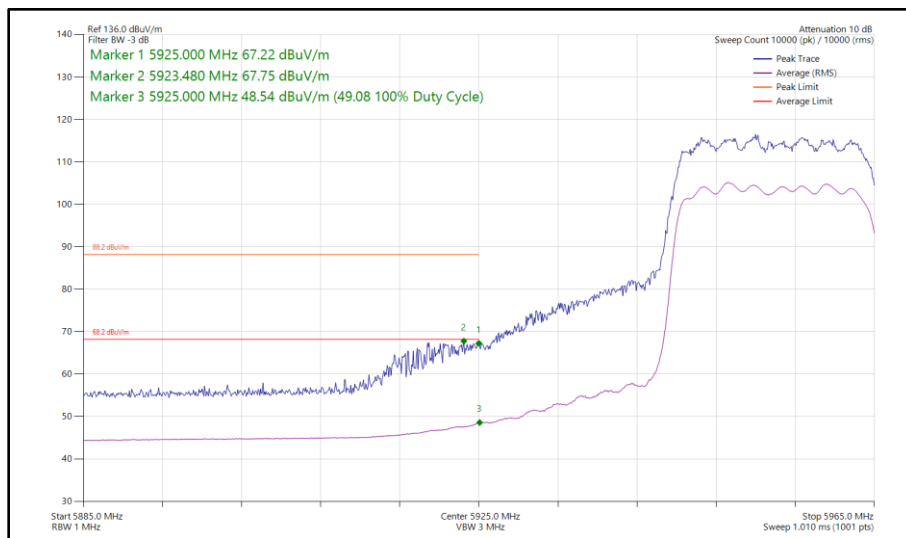


**Figure 201 - 802.11ax HE20, RU 106-54, SISO, Core 1 - 7095 MHz
Band Edge Frequency 7125 MHz**

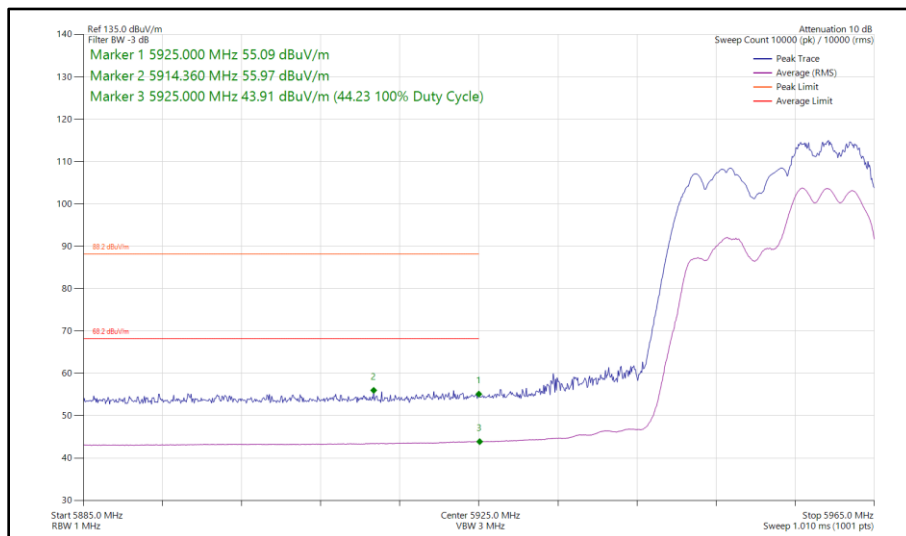
20 MHz Bandwidth - Core 0 - Core 1 (CDD)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11ax HE20	MCS 11x1	SU	-	5955	5925	67.75	49.08
802.11ax HE20	MCS 11x1	106	54	5955	5925	55.97	44.23
802.11ax HE20	MCS 11x1	SU	-	7095	7125	57.61	45.87
802.11ax HE20	MCS 11x1	52	37	7095	7125	57.56	45.73

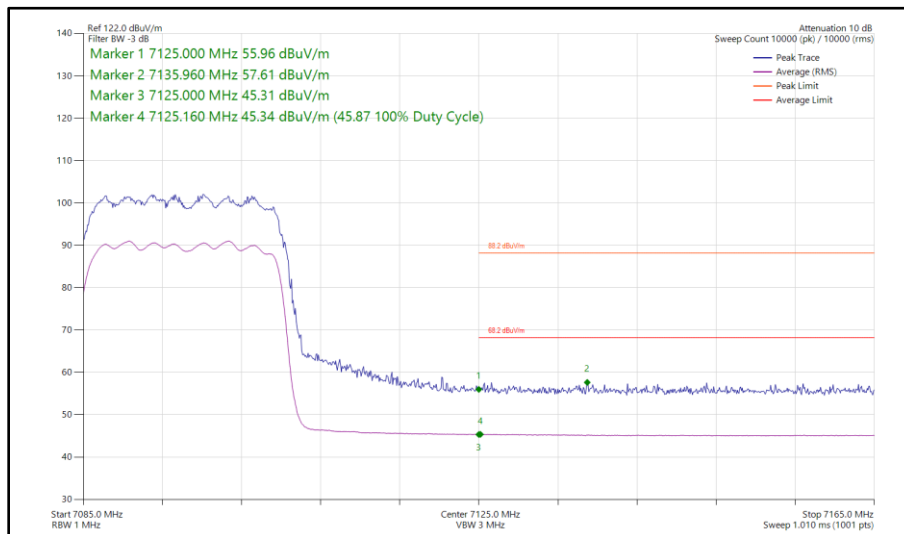
Table 309 - CDD Authorised Band Edge Results



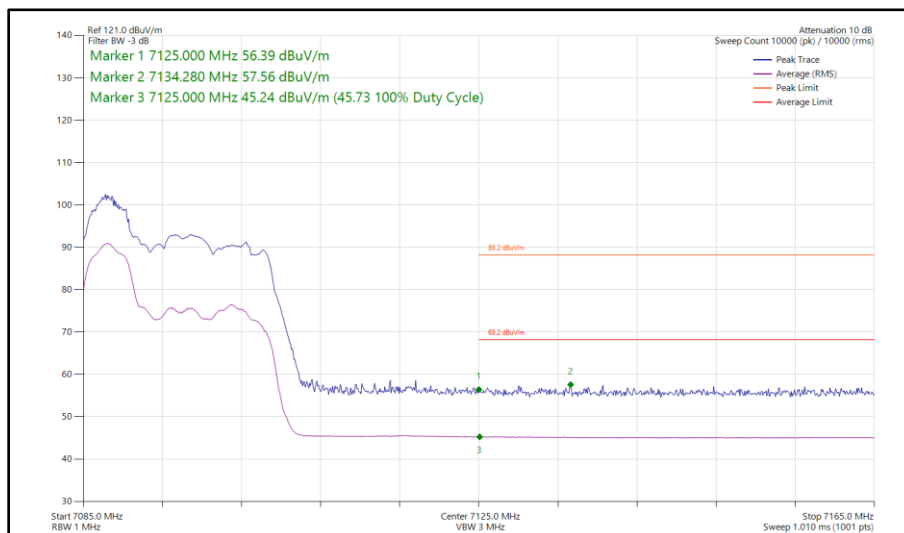
**Figure 202 - 802.11ax HE20, SU, CDD, Core 0 - Core 1 - 5955 MHz
Band Edge Frequency 5925 MHz**



**Figure 203 - 802.11ax HE20, RU 106-54, CDD, Core 0 - Core 1 - 5955 MHz
Band Edge Frequency 5925 MHz**



**Figure 204 - 802.11ax HE20, SU, CDD, Core 0 - Core 1 - 7095 MHz
Band Edge Frequency 7125 MHz**



**Figure 205 - 802.11ax HE20, RU 52-37, CDD, Core 0 - Core 1 - 7095 MHz
Band Edge Frequency 7125 MHz**



20 MHz Bandwidth - Core 0 - Core 1 (SDM)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11ax HE20	MCS 4x2	SU	-	5955	5925	73.01	57.51
802.11ax HE20	MCS 11x2	106	54	5955	5925	65.30	46.21
802.11ax HE20	MCS 11x2	SU	-	7095	7125	57.91	46.19
802.11ax HE20	MCS 11x2	52	37	7095	7125	57.40	45.76

Table 310 - SDM Authorised Band Edge Results

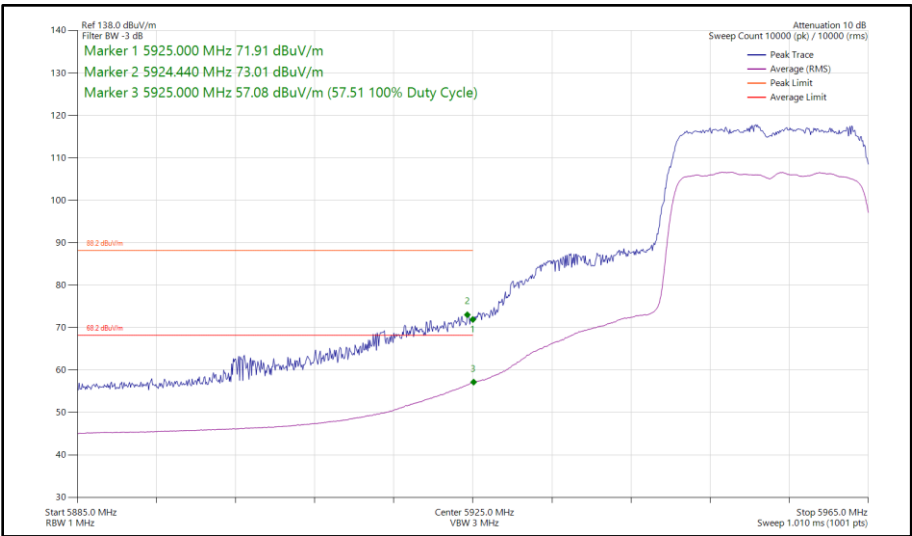


Figure 206 - 802.11ax HE20, SU, SDM, Core 0 - Core 1 - 5955 MHz
Band Edge Frequency 5925 MHz

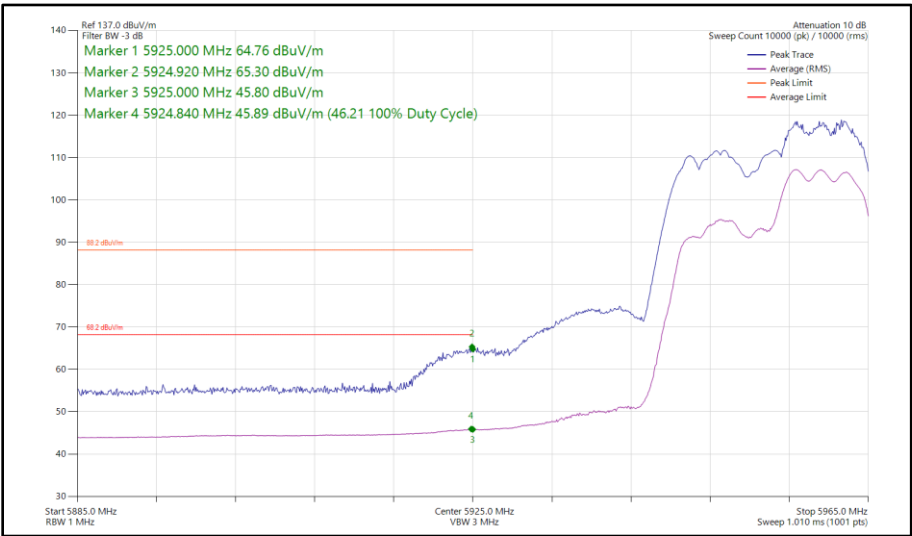
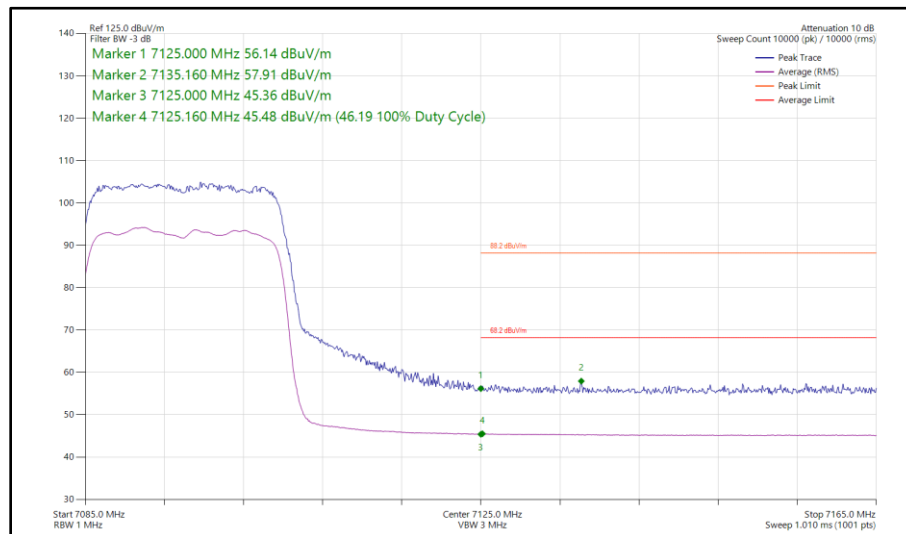
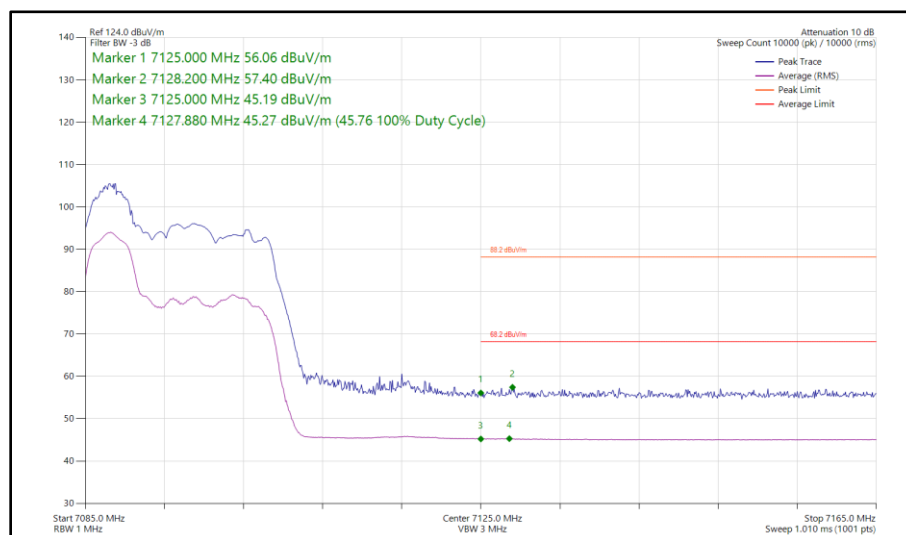


Figure 207 - 802.11ax HE20, RU 106-54, SDM, Core 0 - Core 1 - 5955 MHz
Band Edge Frequency 5925 MHz



**Figure 208 - 802.11ax HE20, SU, SDM, Core 0 - Core 1 - 7095 MHz
Band Edge Frequency 7125 MHz**

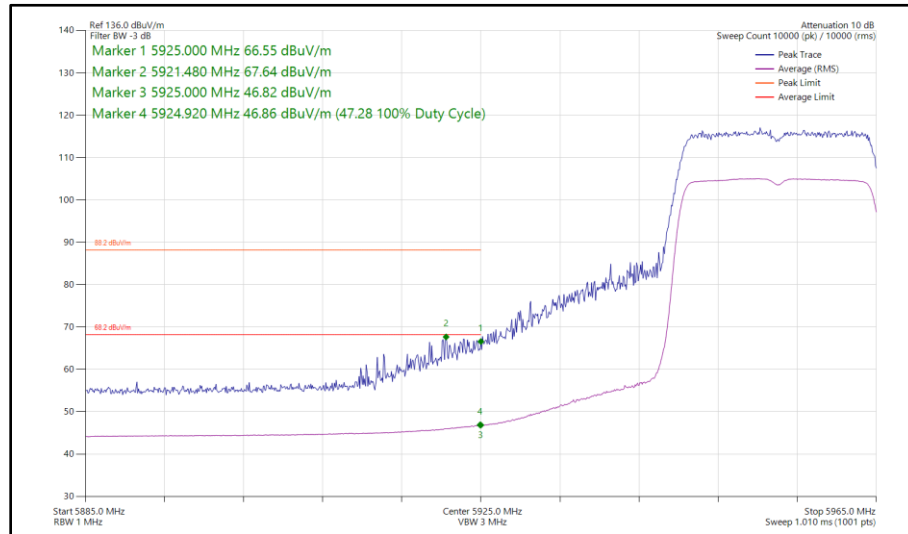


**Figure 209 - 802.11ax HE20, RU 52-37, SDM, Core 0 - Core 1 - 7095 MHz
Band Edge Frequency 7125 MHz**

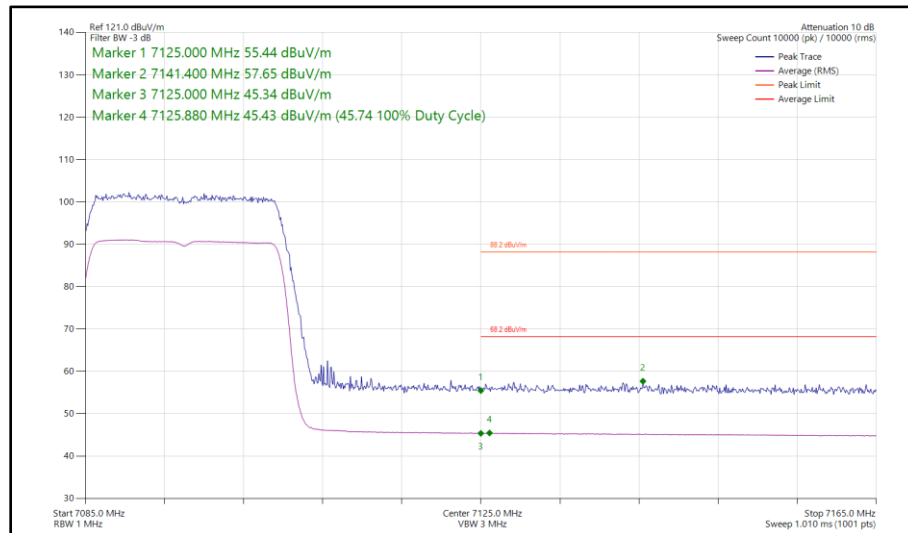
20 MHz Bandwidth - Core 0 - Core 1 (TxBF)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11ax HE20	MCS 11x1	SU	-	5955	5925	67.64	47.28
802.11ax HE20	MCS 2x1	SU	-	7095	7125	57.65	45.74

Table 311 - TxBF Authorised Band Edge Results



**Figure 210 - 802.11ax HE20, SU, TxBF, Core 0 - Core 1 - 5955 MHz
Band Edge Frequency 5925 MHz**

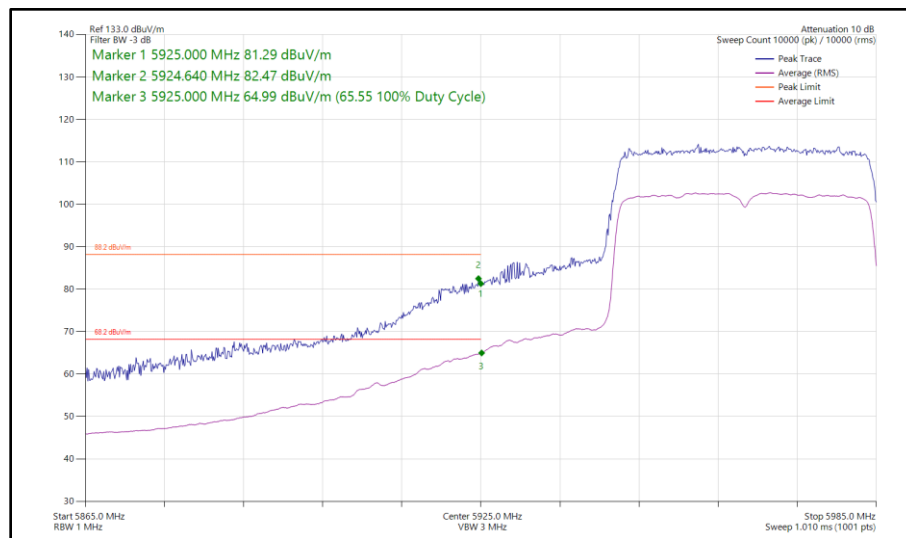


**Figure 211 - 802.11ax HE20, SU, TxBF, Core 0 - Core 1 - 7095 MHz
Band Edge Frequency 7125 MHz**

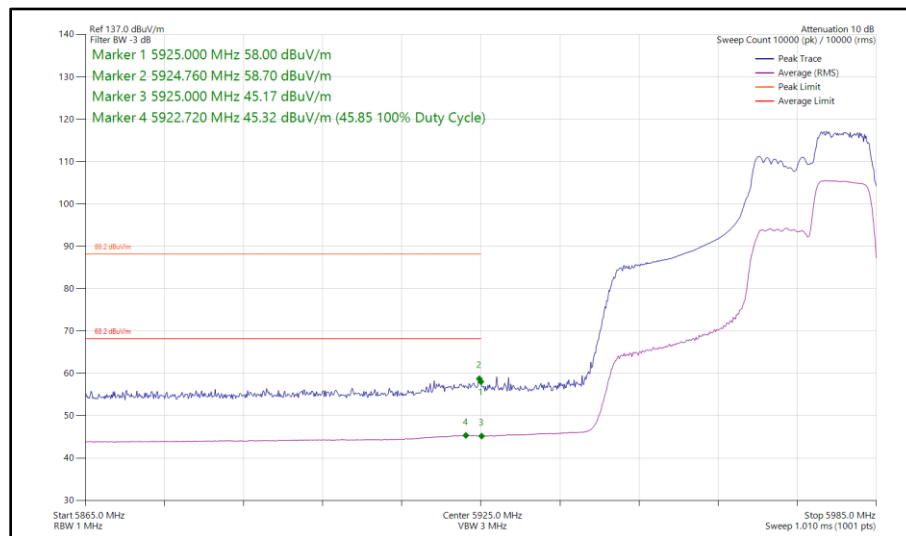
40 MHz Bandwidth - Core 0 (SISO)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11ax HE40	MCS 11x1	SU	-	5965	5925	82.47	65.55
802.11ax HE40	MCS 11x1	106	56	5965	5925	58.70	45.85
802.11ax HE40	MCS 2x1	SU	-	7085	7125	57.96	46.69
802.11ax HE40	MCS 11x1	106	53	7085	7125	59.40	46.41

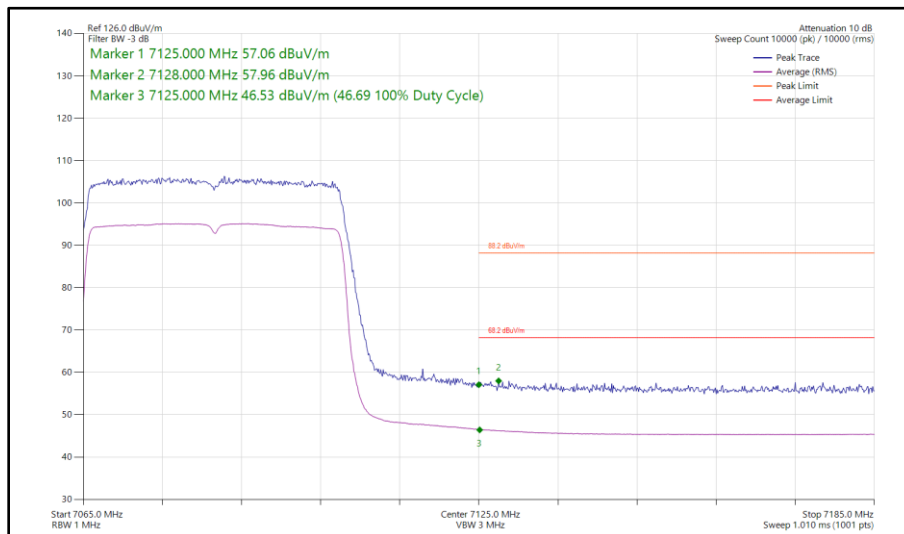
Table 312 - SISO Authorised Band Edge Results



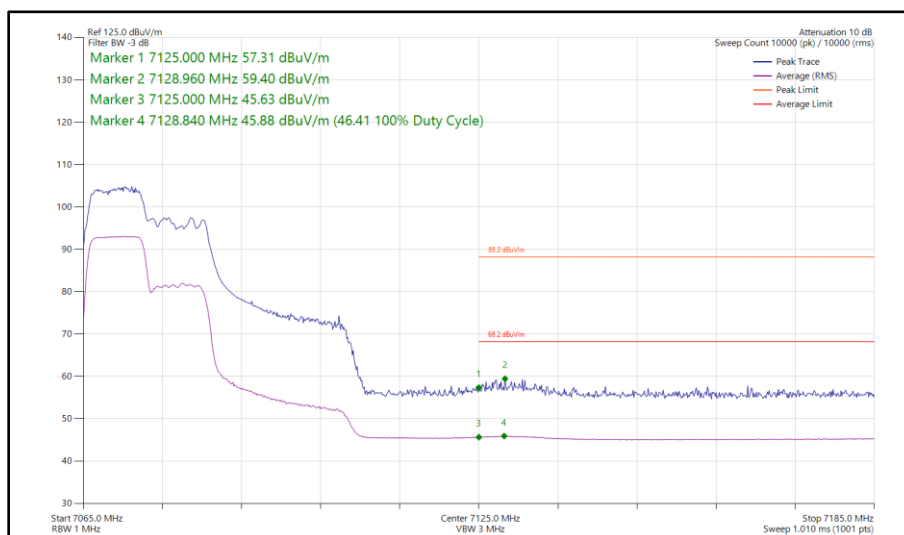
**Figure 212 - 802.11ax HE40, SU, SISO, Core 0 - 5965 MHz
Band Edge Frequency 5925 MHz**



**Figure 213 - 802.11ax HE40, RU 106-56, SISO, Core 0 - 5965 MHz
Band Edge Frequency 5925 MHz**



**Figure 214 - 802.11ax HE40, SU, SISO, Core 0 - 7085 MHz
Band Edge Frequency 7125 MHz**



**Figure 215 - 802.11ax HE40, RU 106-53, SISO, Core 0 - 7085 MHz
Band Edge Frequency 7125 MHz**