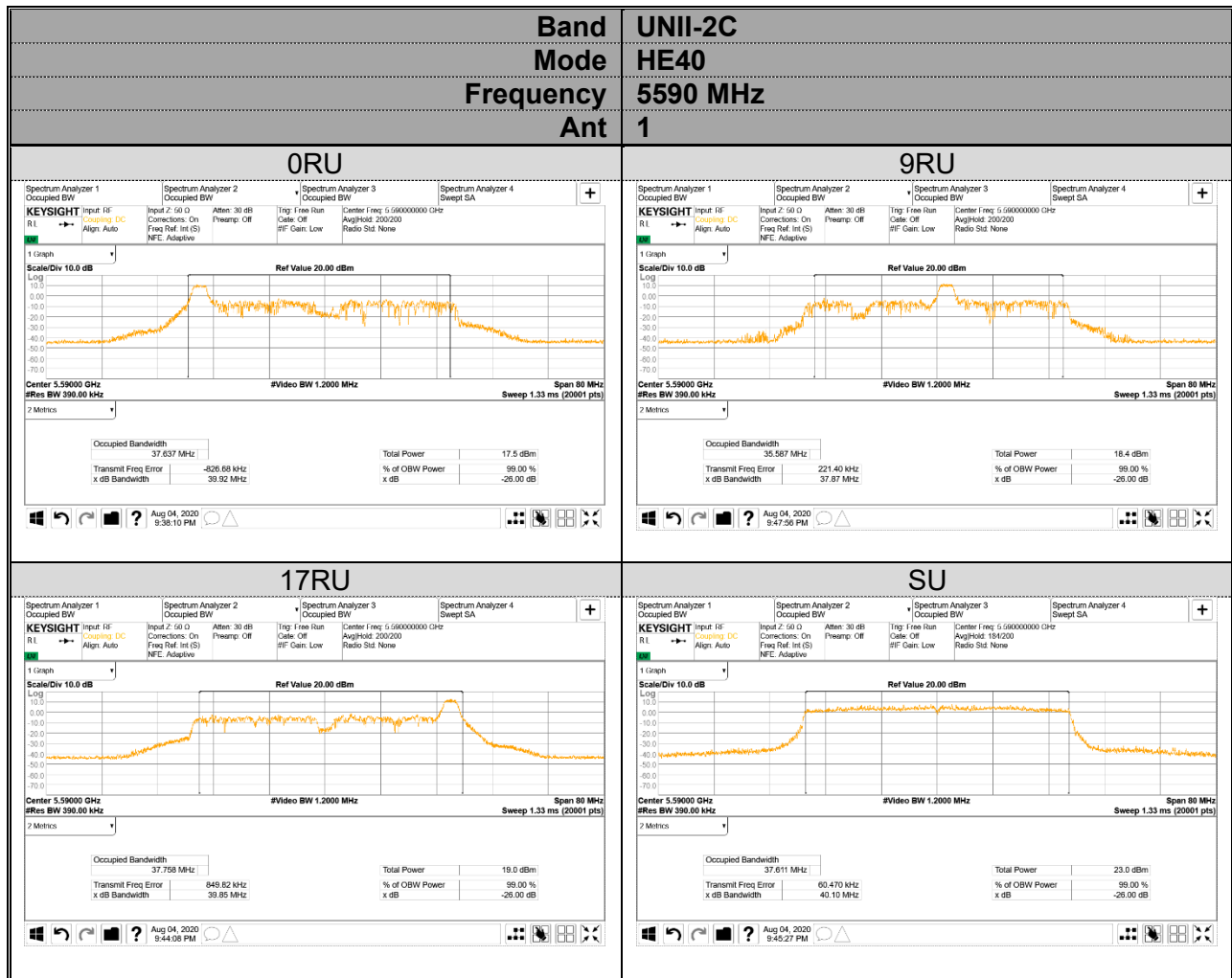
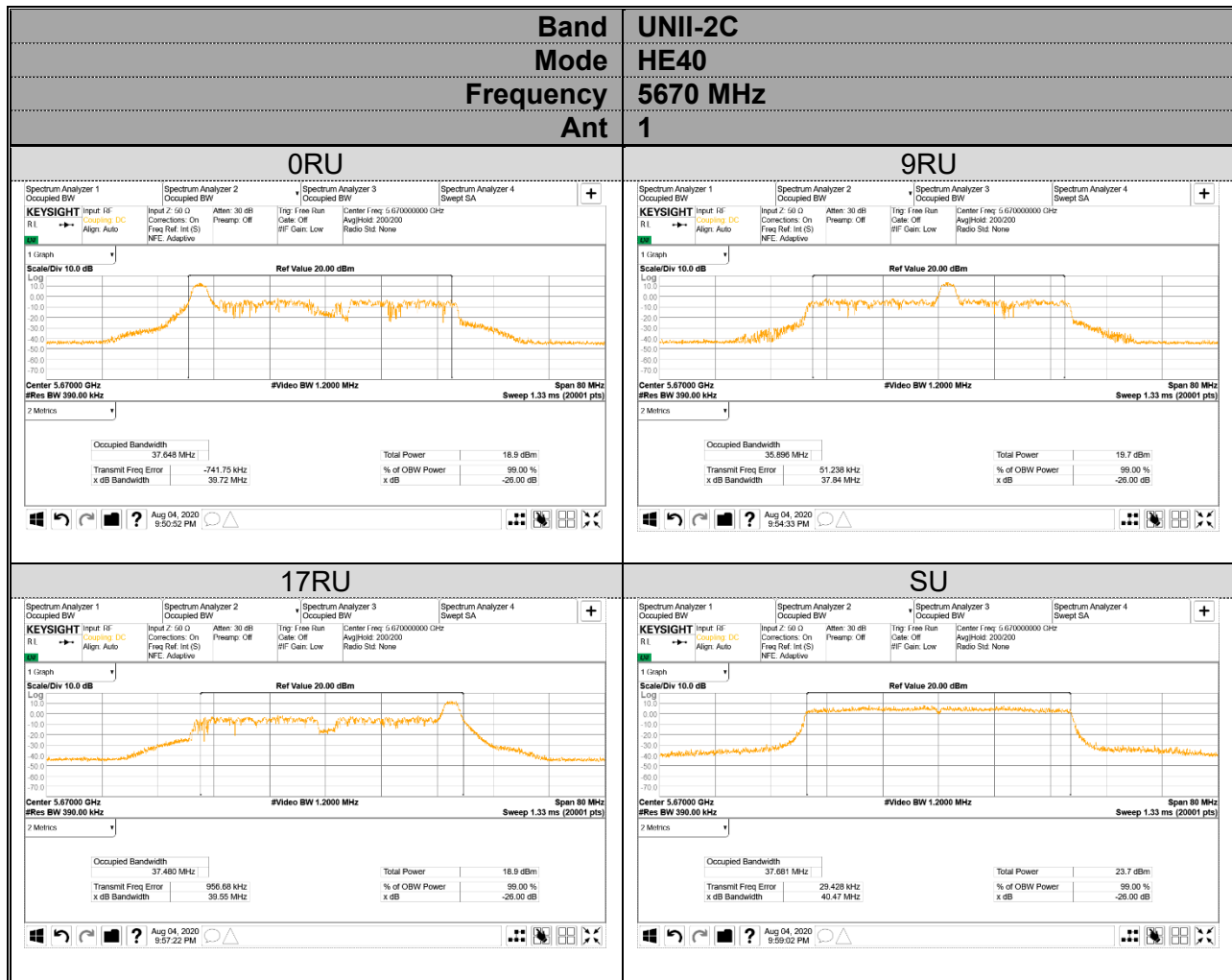
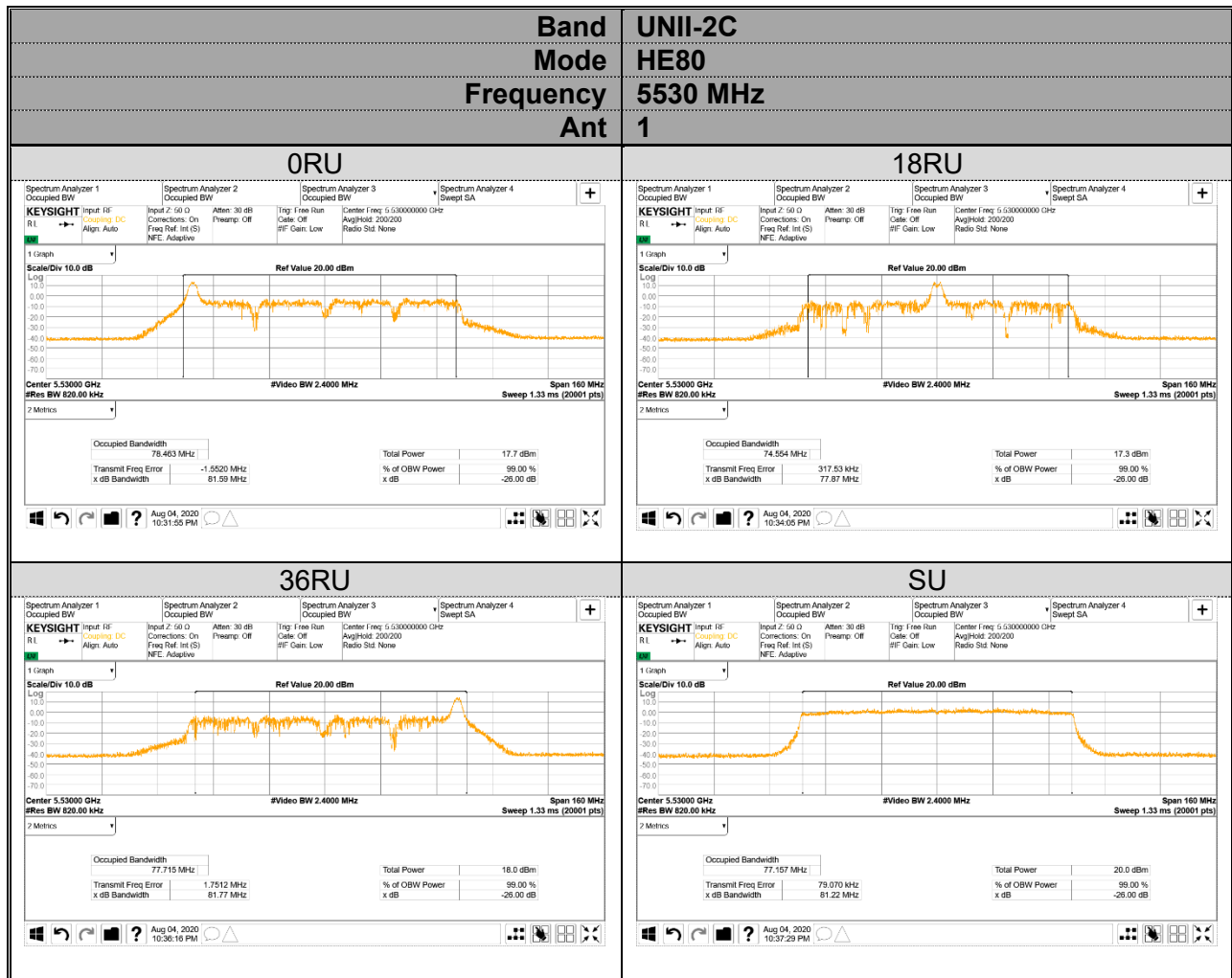
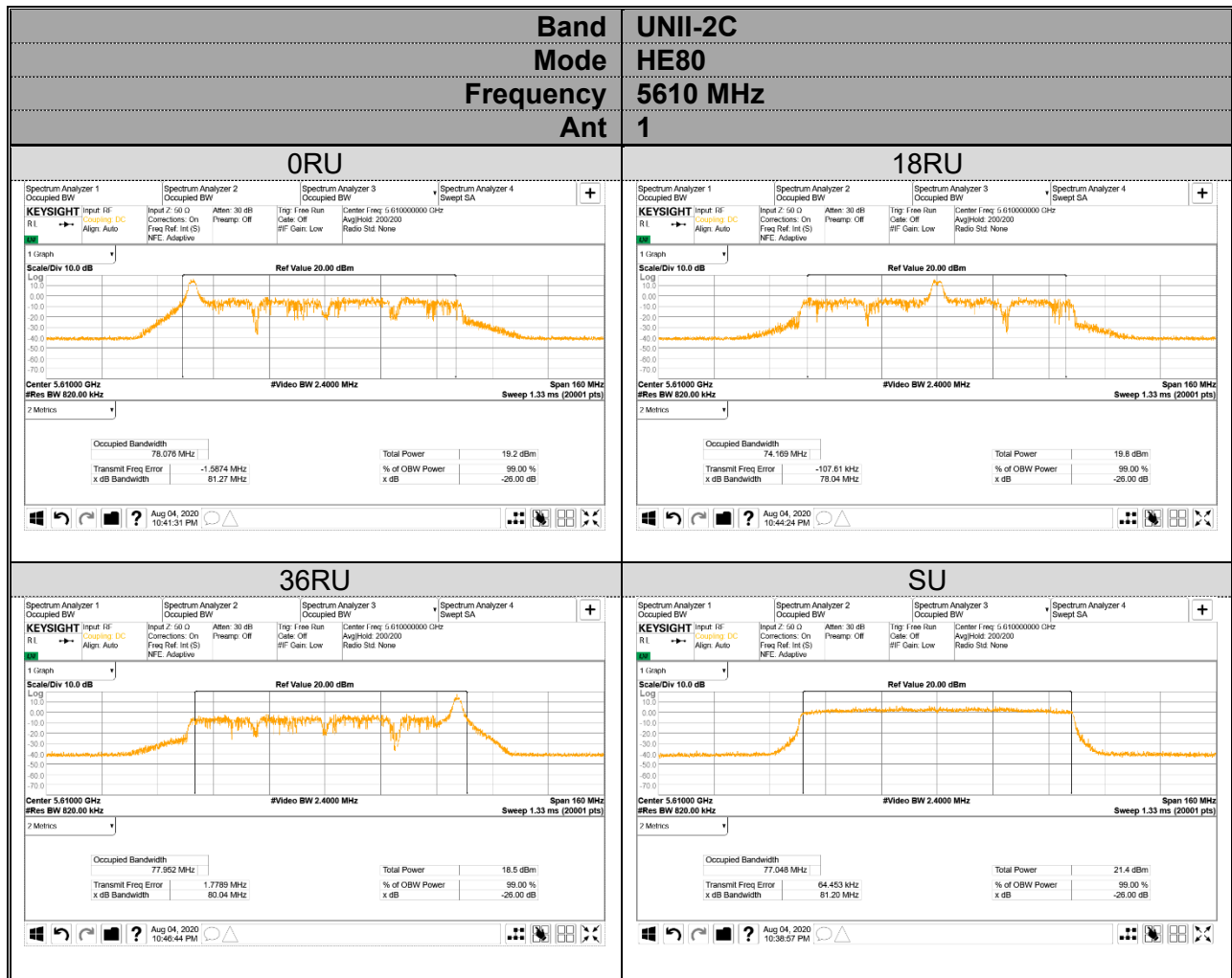
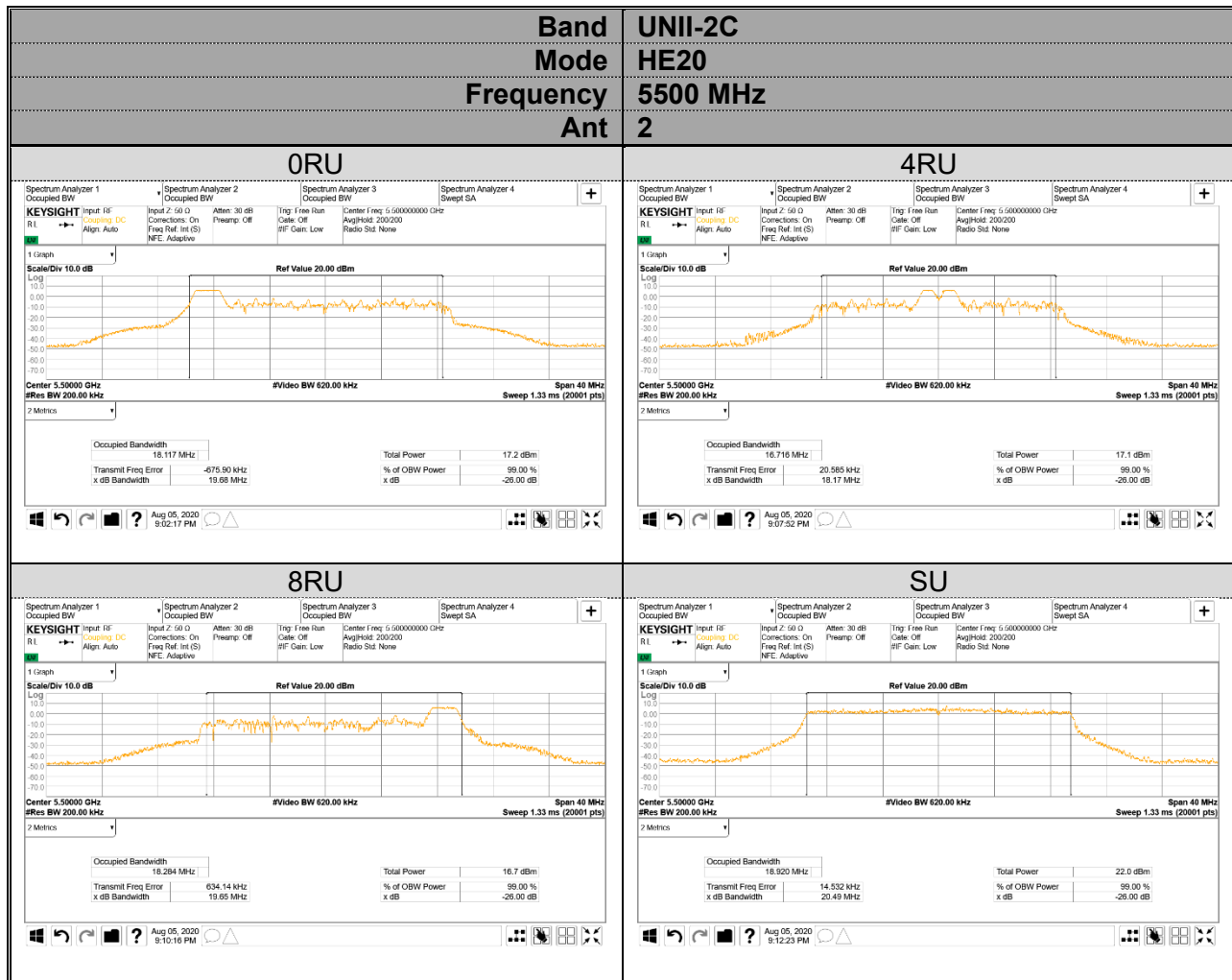


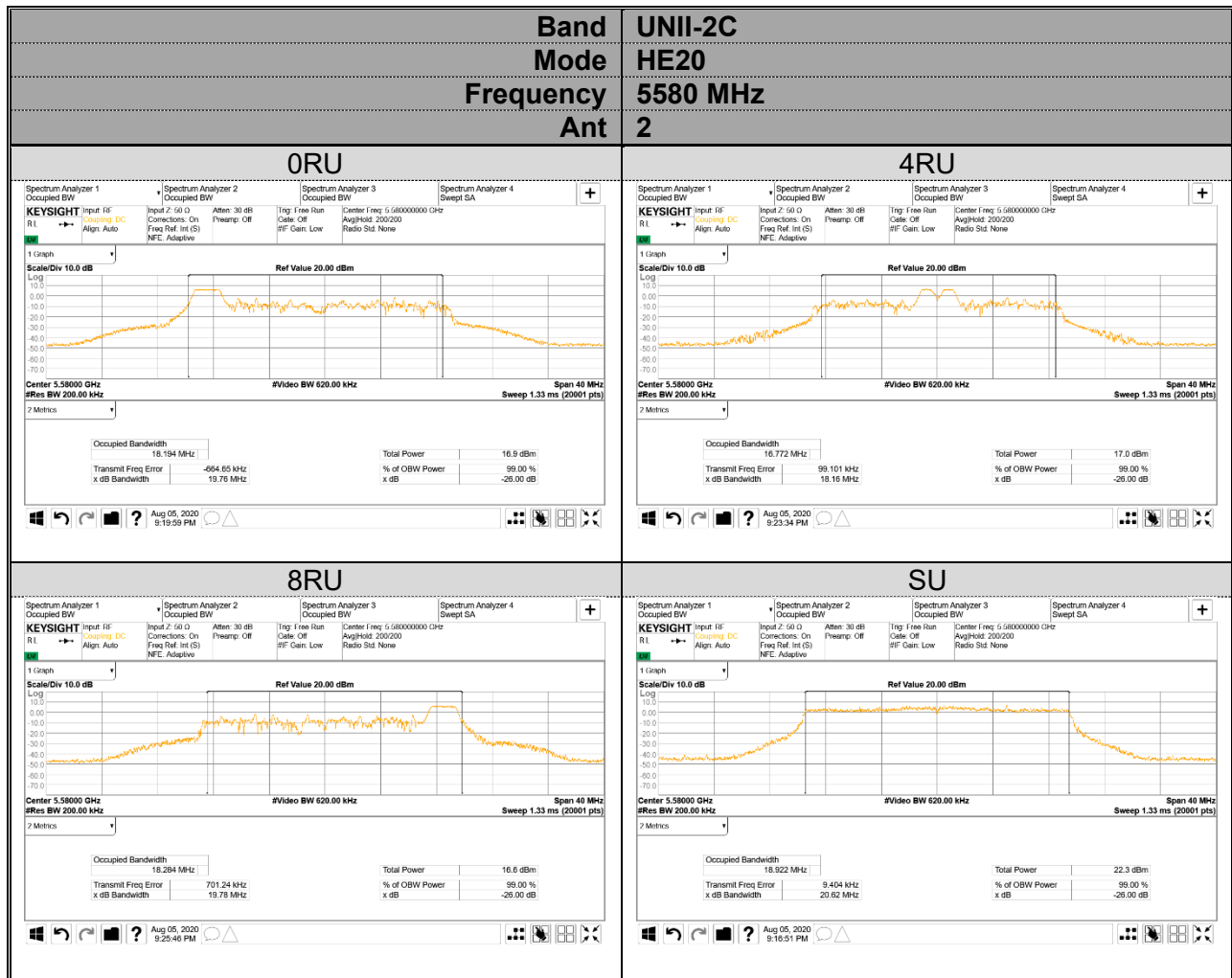


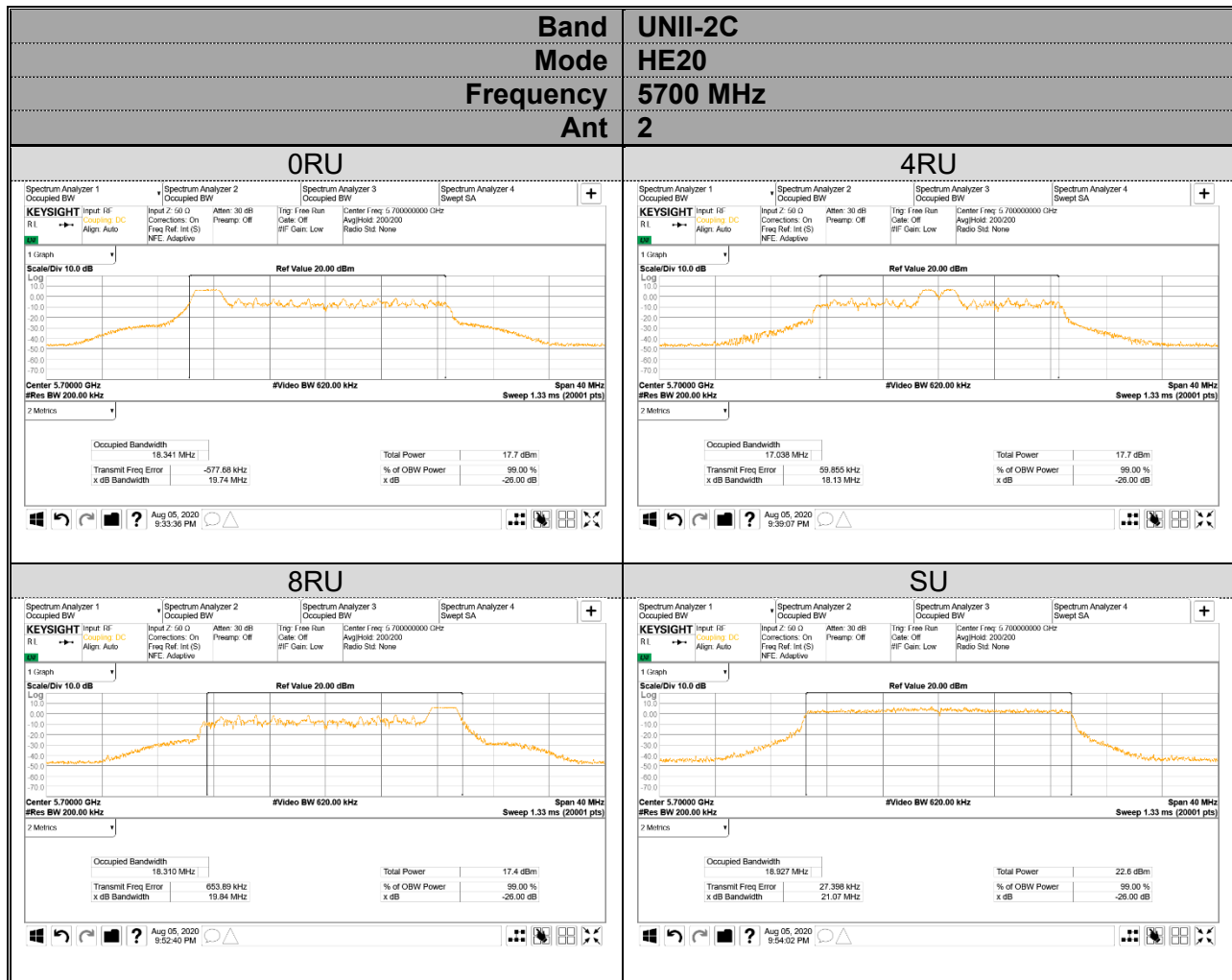


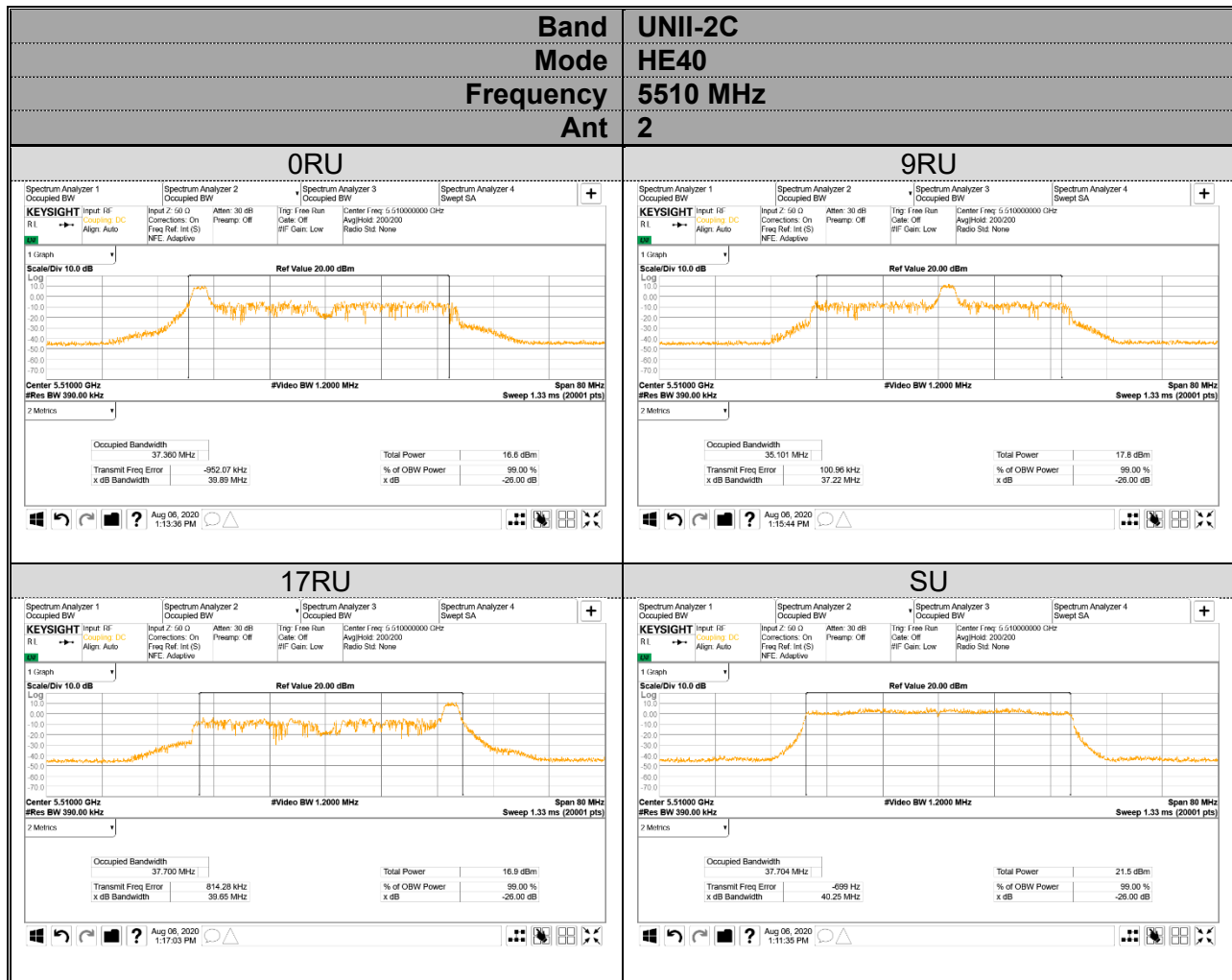


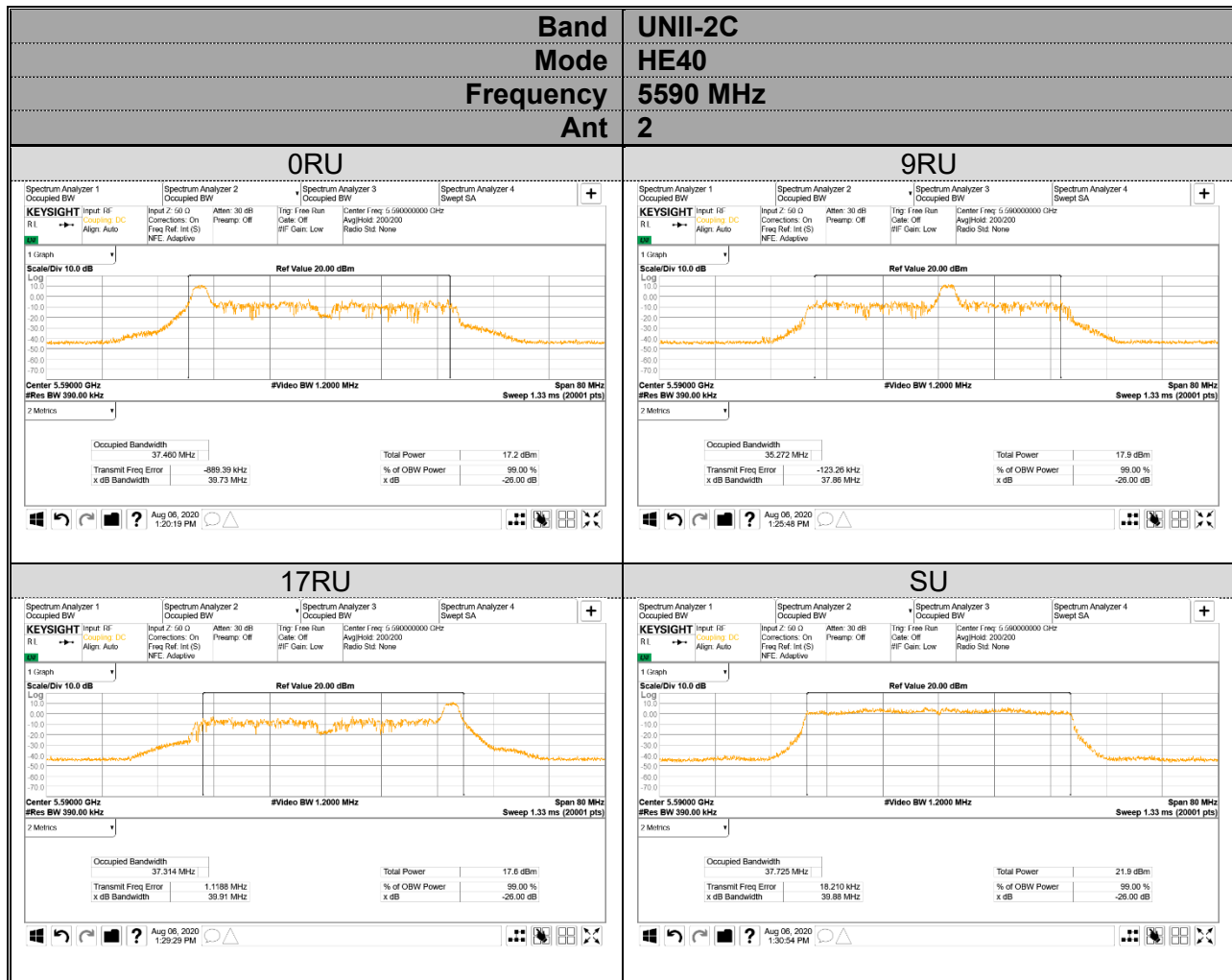


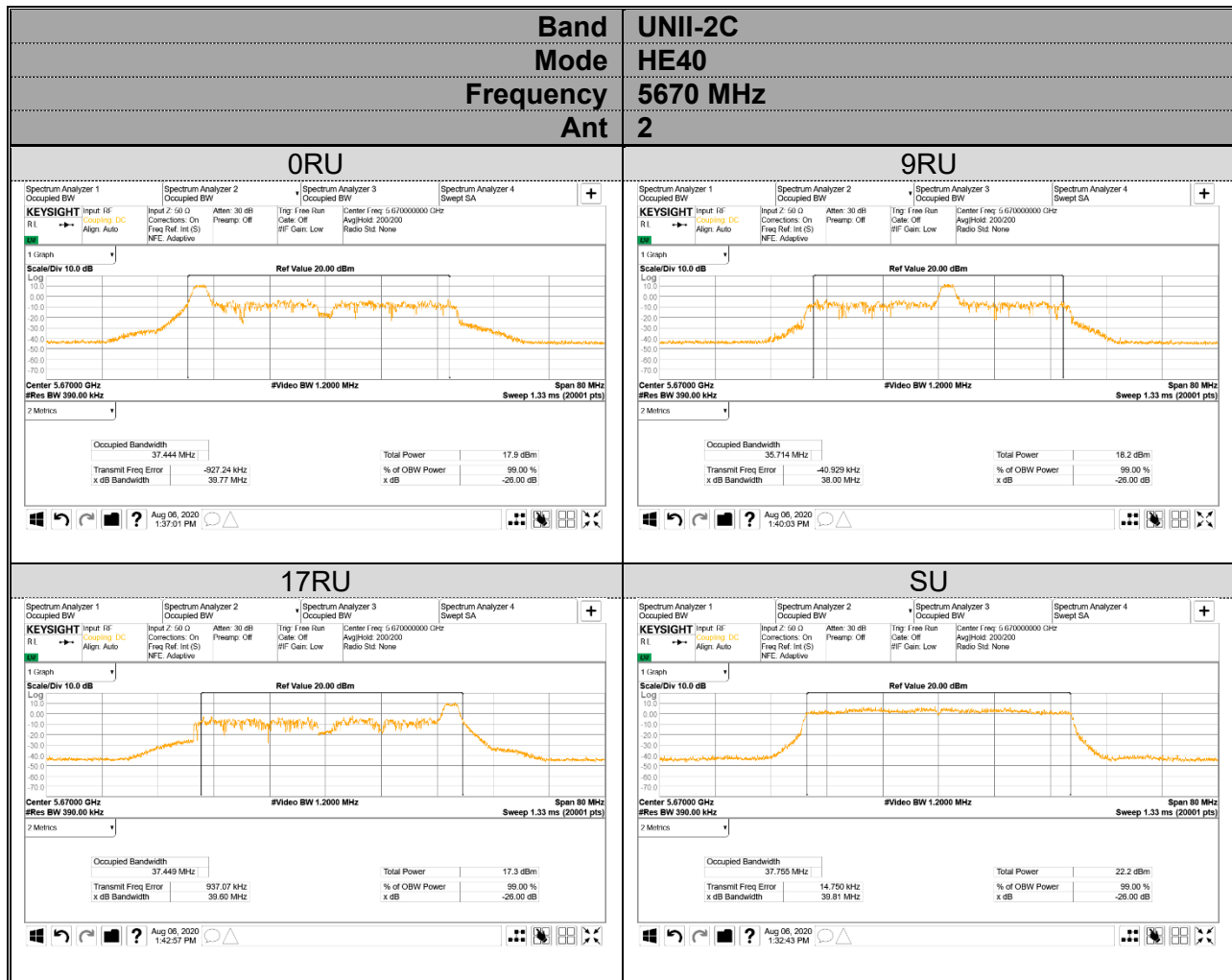


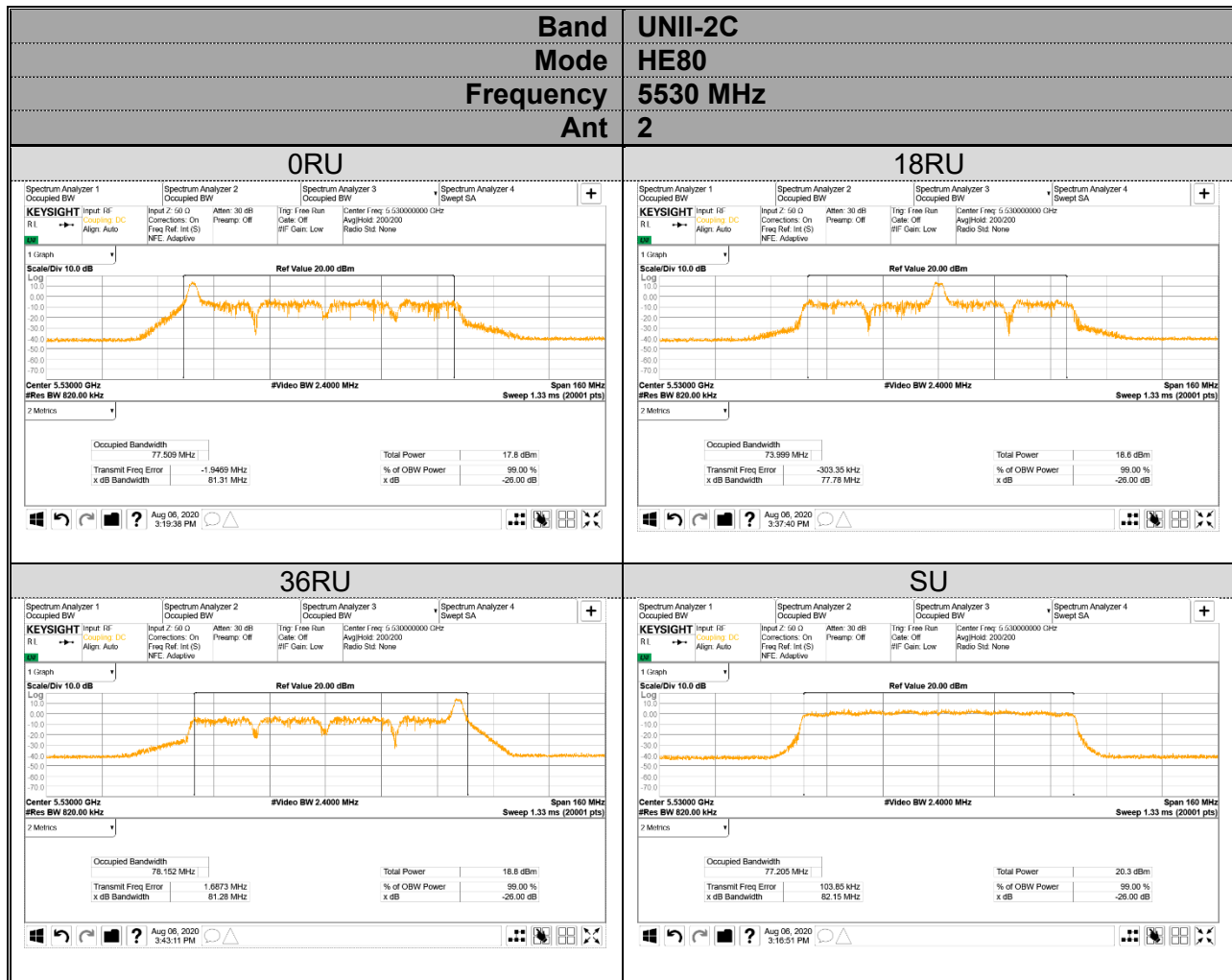


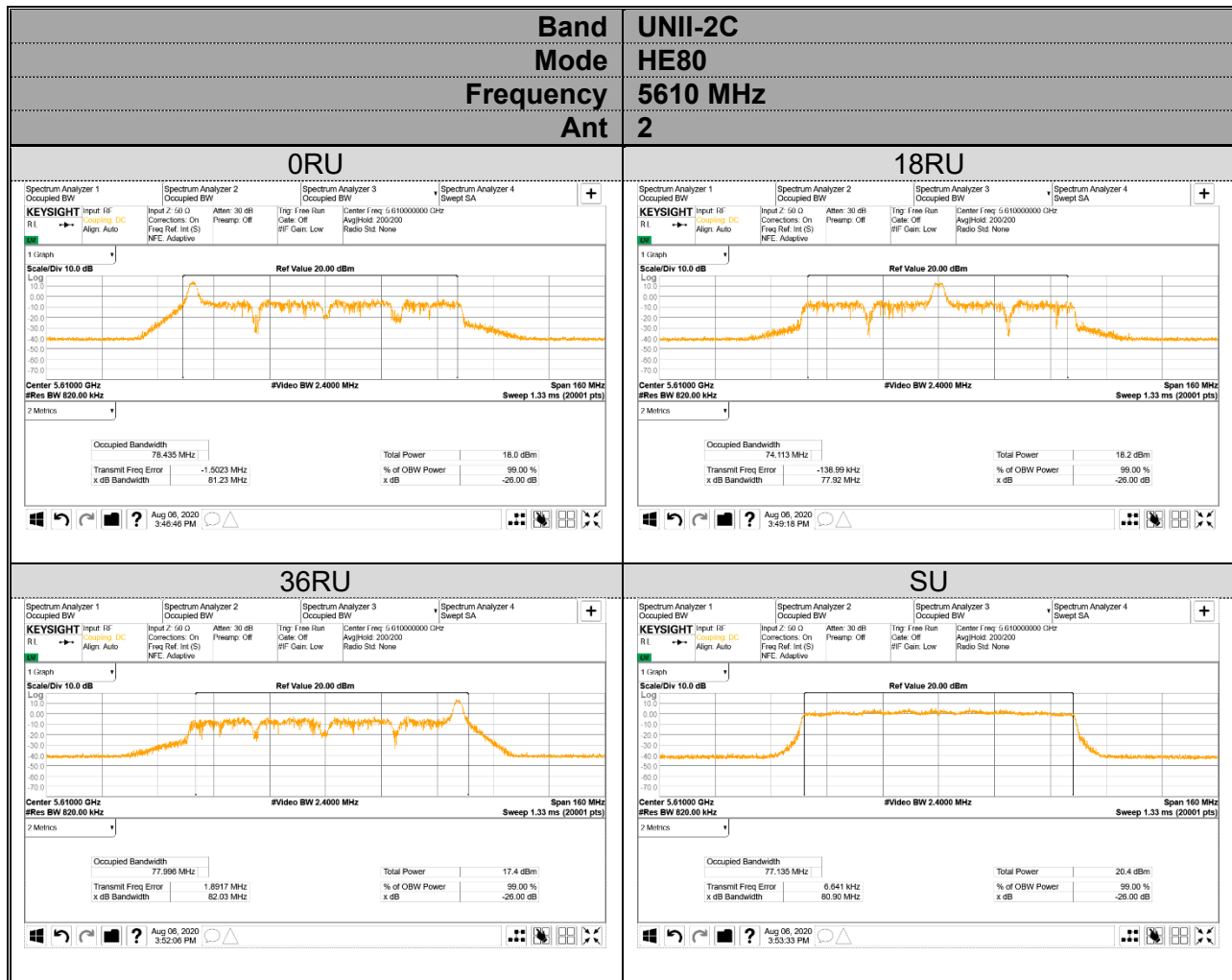




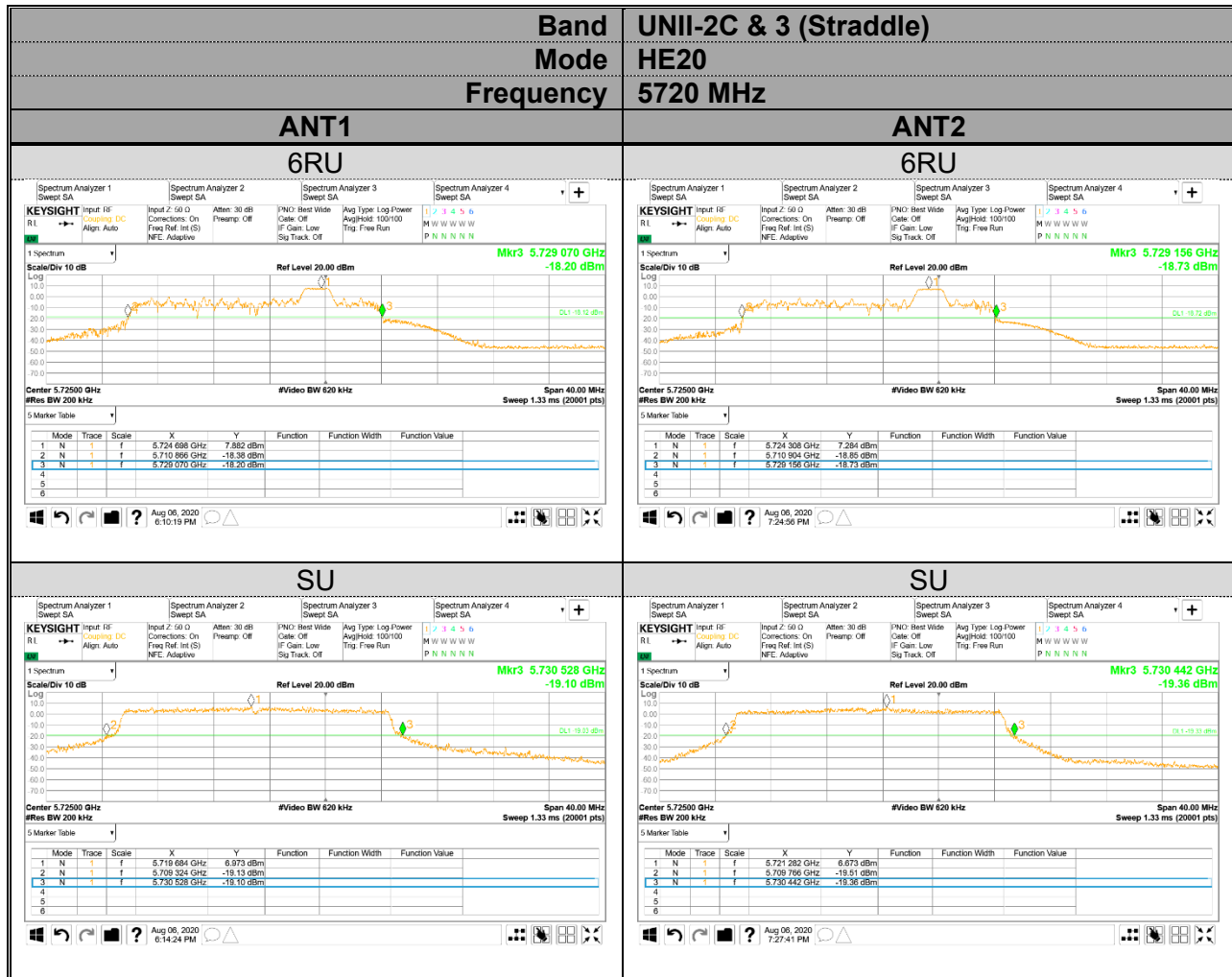


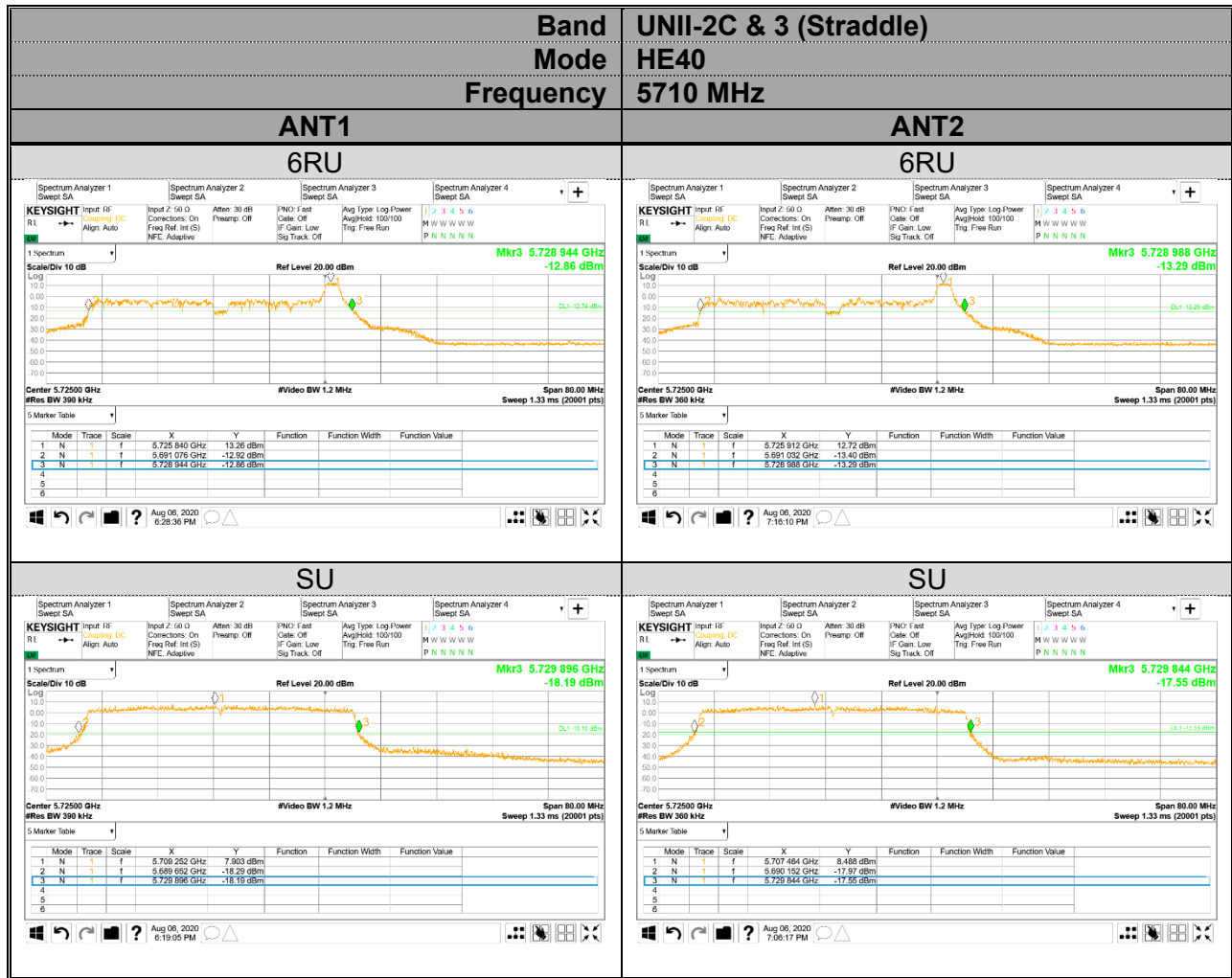






9.2.8. TEST PLOT_802.11ax STRADDLE CHANNEL







10. ANTENNA PORT TEST RESULTS

10.1. 6 dB BANDWIDTH

LIMITS

FCC §15.407

The minimum 6 dB bandwidth shall be at least 500 kHz.

TEST PROCEDURE

Reference to 789033 D02 General UNII Test Procedures New Rules v02r01: The transmitter output is connected to a spectrum analyzer with the RBW set to 100 kHz, the VBW $\geq 3 \times$ RBW, peak detector and max hold.

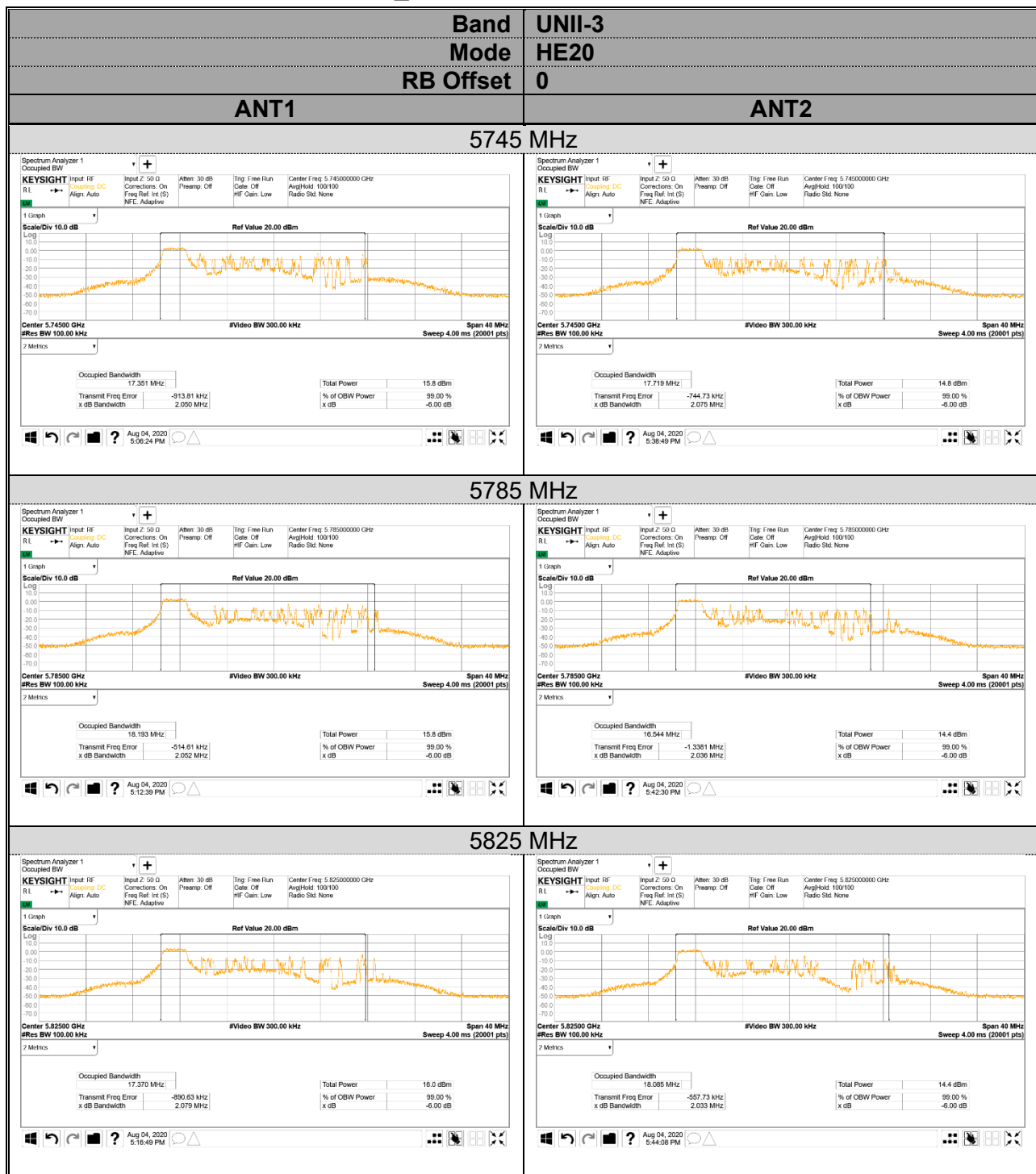
RESULTS

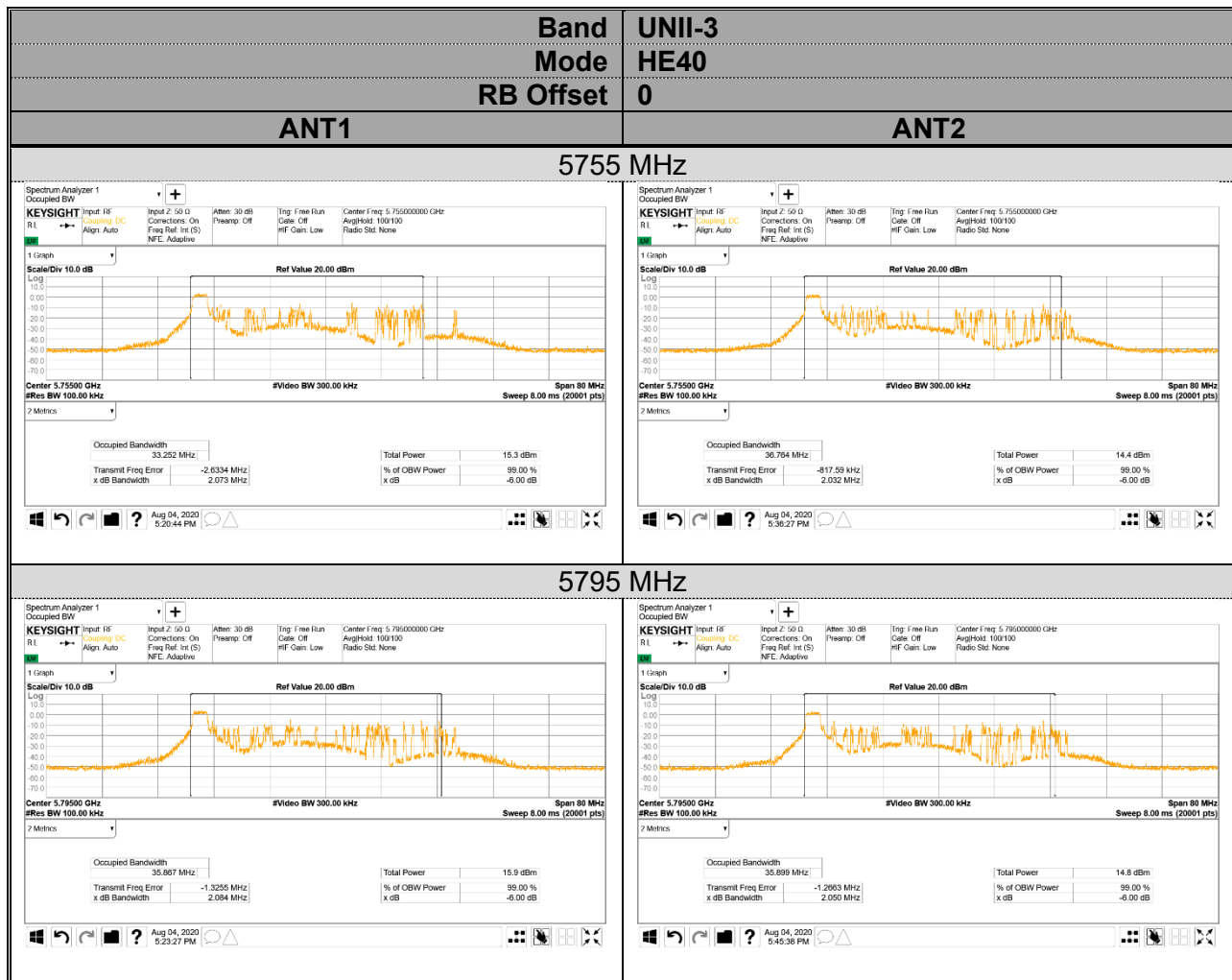
See the next page.

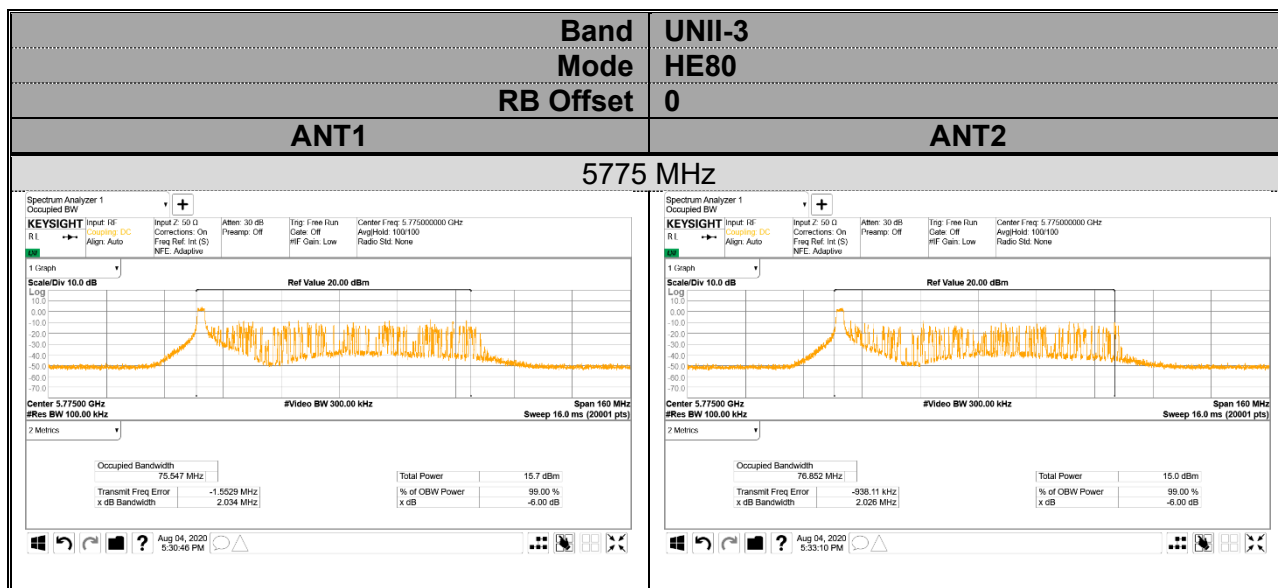
10.1.1. 802.11ax 5.8 GHz BAND

Band	Mode	Center Freq.(MHz)	Tones	RU offset	6 dB BW [MHz]		Minimum Limit (MHz)
					ANT1	ANT2	
UNII-3	HE20	5745	26T	0	2.050	2.075	0.5
		5785			2.052	2.036	
		5825			2.079	2.033	
		Minimum 6dB Bandwidth			2.050	2.033	
	HE40	5755	26T	0	2.073	2.032	
		5795			2.084	2.050	
		Minimum 6dB Bandwidth			2.073	2.032	
		HE80	5775	26T	0	2.034	
	Minimum 6dB Bandwidth			2.034	2.026		

10.1.2.TEST PLOT_802.11ax 5.8 GHz BAND







10.2. OUTPUT POWER AND PPSD

LIMITS

FCC §15.407 (a) (1) (2) (3)

FCC

For the band 5.15–5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26-dB emission bandwidth in MHz. In addition, the peak power spectral density shall not exceed 11 dBm in any 1-MHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band.

TEST PROCEDURE

KDB 789033 Method PM is used for output power.

KDB 789033 Method SA-2 is used for only power of straddle Ch. and PPSD. RBW set to 100kHz (the VBW $\geq 3 \times \text{RBW}$, RMS detector and trace averaging, add $10 \log (1 \text{ MHz/RBW})$. For UNII-3, add $10 \log (500\text{kHz/RBW})$). Band power function used for power and peak marker value of the spectrum is used for PSD. Add duty cycle correction factor.

DIRECTIONAL ANTENNA GAIN

For OUTPUT POWER and PSD: The TX chains are correlated and the antenna gains are unequal among the chains. The directional gain is:

Frequency Band [MHz]	Antenna1 Gain [dBi]	Antenna2 Gain [dBi]	Correlated Chains Directional Gain [dBi]
UNII 1 5150 - 5250	-6.70	-4.47	-2.50
UNII 2A 5250 - 5350	-6.18	-4.39	-2.23
UNII 2C 5470 - 5725	-5.28	-4.36	-1.80
UNII 3 5725 - 5850	-6.43	-4.67	-2.50

RESULTS

See the next page.

10.2.1. 802.11ax 1Tx (SISO) MODE 5.2 GHz BAND

Bandwidth and Antenna Gain, Limits

Mode	Channel	Frequency [MHz]	Min 26 dB BW [MHz]	Directional Gain [dBi]	Power Limit [dBm]	PPSD Limit [dBm/MHz]
HE20	36	5180	18.11	-2.50	23.58	11.00
	40	5200	18.22		23.61	
	48	5240	18.17		23.59	
HE40	38	5190	37.40		24.00	
	46	5230	37.81		24.00	
HE80	42	5210	77.23		24.00	

Included in Calculations of Corr'd [Power & PSD]				
Duty Cycle CF [dB]	HE20	26T	0.00	dB
		52T	0.00	dB
		106T	0.00	dB
		242T	0.00	dB
		SU	0.00	dB
	HE40	26T	0.00	dB
		52T	0.00	dB
		106T	0.00	dB
		242T	0.00	dB
		484T	0.00	dB
		SU	0.00	dB
	HE80	26T	0.00	dB
		52T	0.00	dB
		106T	0.00	dB
		242T	0.00	dB
		484T	0.00	dB
		996T	0.00	dB
		SU	0.00	dB

Output Power Results

Mode	Channel	Frequency [MHz]	Tones	RU offset	Meas Power [dBm]		Corr'd Power [dBm]		Power Limit [dBm]
					ANT1	ANT2	ANT1	ANT2	
HE20	36	5180	26T	0	9.43	9.56	9.43	9.56	23.58
				4	9.72	9.73	9.72	9.73	
				8	9.83	9.64	9.83	9.64	
			52T	37	11.00	11.68	11.00	11.68	
				38	11.22	11.82	11.22	11.82	
				40	11.40	11.73	11.40	11.73	
			106T	53	12.48	12.38	12.48	12.38	
				54	12.84	12.42	12.84	12.42	
			242T	61	13.73	13.54	13.73	13.54	
			SU	-	16.18	16.13	16.18	16.13	
	40	5200	26T	0	9.58	9.32	9.58	9.32	23.61
				4	9.53	9.49	9.53	9.49	
				8	9.55	9.35	9.55	9.35	
			52T	37	11.17	11.45	11.17	11.45	
				38	11.43	11.62	11.43	11.62	
				40	11.50	1.49	11.50	1.49	
			106T	53	12.05	12.15	12.05	12.15	
				54	12.32	12.19	12.32	12.19	
			242T	61	13.07	13.40	13.07	13.40	
			SU	-	16.45	16.00	16.45	16.00	
	48	5240	26T	0	9.04	9.22	9.04	9.22	23.59
				4	9.44	9.37	9.44	9.37	
				8	9.10	9.22	9.10	9.22	
			52T	37	11.55	11.38	11.55	11.38	
				38	11.58	11.52	11.58	11.52	
				40	11.18	11.39	11.18	11.39	
			106T	53	12.33	12.07	12.33	12.07	
				54	12.05	12.08	12.05	12.08	
			242T	61	13.28	13.30	13.28	13.30	
			SU	-	15.80	15.90	15.80	15.90	

* Calculation of Output Power : Corr'd Power = Meas Power + Duty CF [dB]

Mode	Channel	Frequency [MHz]	Tones	RU offset	Meas Power [dBm]		Corr'd Power [dBm]		Power Limit [dBm]
					ANT1	ANT2	ANT1	ANT2	
HE40	38	5190	26T	0	8.85	9.35	8.85	9.35	24.00
				9	9.51	9.39	9.51	9.39	
				17	9.72	8.86	9.72	8.86	
			52T	37	11.10	10.97	11.10	10.97	
				41	11.36	11.52	11.36	11.52	
				44	11.28	11.07	11.28	11.07	
			106T	53	12.04	12.28	12.04	12.28	
				54	12.61	12.66	12.61	12.66	
				56	12.87	12.41	12.87	12.41	
			242T	61	13.20	13.54	13.20	13.54	
				62	13.78	13.60	13.78	13.60	
			484T	65	13.56	13.63	13.56	13.63	
			SU	-	14.81	15.33	14.81	15.33	
	46	5230	26T	0	8.94	9.19	8.94	9.19	24.00
				9	9.45	9.33	9.45	9.33	
				17	8.53	8.77	8.53	8.77	
			52T	37	11.03	10.90	11.03	10.90	
				41	11.47	11.40	11.47	11.40	
				44	10.71	10.94	10.71	10.94	
			106T	53	12.57	12.26	12.57	12.26	
				54	12.86	12.61	12.86	12.61	
				56	12.20	12.31	12.20	12.31	
			242T	61	13.63	13.49	13.63	13.49	
				62	13.38	13.52	13.38	13.52	
			484T	65	13.56	13.58	13.56	13.58	
			SU	-	14.88	15.85	14.88	15.85	
HE80	42	5210	26T	0	8.75	9.70	8.75	9.70	24.00
				18	9.66	9.78	9.66	9.78	
				36	8.61	9.36	8.61	9.36	
			52T	37	10.92	10.88	10.92	10.88	
				45	11.09	11.38	11.09	11.38	
				52	1.24	11.03	1.24	11.03	
			106T	53	11.74	12.11	11.74	12.11	
				57	12.45	12.59	12.45	12.59	
				60	12.11	12.31	12.11	12.31	
			242T	61	12.99	13.33	12.99	13.33	
				62	13.75	13.59	13.75	13.59	
				64	13.31	13.47	13.31	13.47	
			484T	65	13.41	13.48	13.41	13.48	
				66	13.63	13.60	13.63	13.60	
			996T	67	13.42	13.44	13.42	13.44	
			SU	-	13.44	13.88	13.44	13.88	

* Calculation of Output Power : Corr'd Power = Meas Power + Duty CF [dB]

10.2.2. 802.11ax 1Tx (SISO) MODE 5.3 GHz BAND

Bandwidth and Antenna Gain, Limits

Mode	Channel	Frequency [MHz]	Min 26 dB BW [MHz]	Directional Gain [dBi]	Power Limit [dBm]	PPSD Limit [dBm/MHz]
HE20	52	5260	17.93	-2.23	23.54	11.00
	60	5300	17.95		23.54	
	64	5320	17.92		23.53	
HE40	54	5270	37.85		24.00	
	62	5310	37.30		24.00	
HE80	58	5290	77.89		24.00	

Included in Calculations of Corr'd [Power & PSD]				
Duty Cycle CF [dB]	HE20	26T	0.00	dB
		52T	0.00	dB
		106T	0.00	dB
		242T	0.00	dB
		SU	0.00	dB
	HE40	26T	0.00	dB
		52T	0.00	dB
		106T	0.00	dB
		242T	0.00	dB
		484T	0.00	dB
		SU	0.00	dB
	HE80	26T	0.00	dB
		52T	0.00	dB
		106T	0.00	dB
		242T	0.00	dB
		484T	0.00	dB
		996T	0.00	dB
		SU	0.00	dB

Output Power Results

Mode	Channel	Frequency [MHz]	Tones	RU offset	Meas Power [dBm]		Corr'd Power [dBm]		Power Limit [dBm]
					ANT1	ANT2	ANT1	ANT2	
HE20	52	5260	26T	0	9.38	9.22	9.38	9.22	23.54
				4	9.34	9.36	9.34	9.36	
				8	9.10	9.23	9.10	9.23	
			52T	37	11.57	11.37	11.57	11.37	
				38	11.64	11.52	11.64	11.52	
				40	11.37	11.39	11.37	11.39	
			106T	53	12.75	12.06	12.75	12.06	
				54	12.67	12.07	12.67	12.07	
			242T	61	13.42	13.27	13.42	13.27	
			SU	-	16.25	15.88	16.25	15.88	
	60	5300	26T	0	9.01	9.34	9.01	9.34	23.54
				4	9.29	9.46	9.29	9.46	
				8	9.31	9.27	9.31	9.27	
			52T	37	10.96	11.48	10.96	11.48	
				38	11.15	11.61	11.15	11.61	
				40	11.24	11.42	11.24	11.42	
			106T	53	12.48	12.14	12.48	12.14	
				54	12.67	12.14	12.67	12.14	
			242T	61	13.71	13.37	13.71	13.37	
			SU	-	16.13	16.01	16.13	16.01	
	64	5320	26T	0	9.69	9.48	9.69	9.48	23.53
				4	9.84	9.59	9.84	9.59	
				8	9.62	9.40	9.62	9.40	
			52T	37	11.02	11.58	11.02	11.58	
				38	11.20	11.71	11.20	11.71	
				40	11.05	11.53	11.05	11.53	
			106T	53	12.37	12.24	12.37	12.24	
				54	12.33	12.18	12.33	12.18	
			242T	61	13.63	13.51	13.63	13.51	
			SU	-	16.56	16.10	16.56	16.10	

* Calculation of Output Power : Corr'd Power = Meas Power + Duty CF [dB]

Mode	Channel	Frequency [MHz]	Tones	RU offset	Meas Power [dBm]		Corr'd Power [dBm]		Power Limit [dBm]
					ANT1	ANT2	ANT1	ANT2	
HE40	54	5270	26T	0	9.33	9.19	9.33	9.19	24.00
				9	9.51	9.32	9.51	9.32	
				17	8.91	8.72	8.91	8.72	
			52T	37	11.05	11.42	11.05	11.42	
				41	11.14	11.39	11.14	11.39	
				44	10.64	10.90	10.64	10.90	
			106T	53	12.39	12.21	12.39	12.21	
				54	12.56	12.55	12.56	12.55	
				56	12.30	12.24	12.30	12.24	
			242T	61	13.35	13.42	13.35	13.42	
				62	13.28	13.43	13.28	13.43	
			484T	65	13.36	13.48	13.36	13.48	
			SU	-	15.18	15.78	15.18	15.78	
	62	5310	26T	0	9.03	9.35	9.03	9.35	24.00
				9	9.60	9.48	9.60	9.48	
				17	9.14	8.85	9.14	8.85	
			52T	37	11.27	11.53	11.27	11.53	
				41	10.96	11.47	10.96	11.47	
				44	10.64	10.90	10.64	10.90	
			106T	53	12.22	12.29	12.22	12.29	
				54	12.71	12.60	12.71	12.60	
				56	12.57	12.23	12.57	12.23	
			242T	61	13.38	13.56	13.38	13.56	
				62	13.59	13.52	13.59	13.52	
			484T	65	13.55	13.62	13.55	13.62	
			SU	-	14.86	14.88	14.86	14.88	
80	58	5290	26T	0	9.36	9.30	9.36	9.30	24.00
				18	9.58	9.77	9.58	9.77	
				36	9.57	9.15	9.57	9.15	
			52T	37	11.48	11.40	11.48	11.40	
				45	11.73	11.81	11.73	11.81	
				52	11.72	11.24	11.72	11.24	
			106T	53	12.08	13.10	12.08	13.10	
				57	12.69	13.49	12.69	13.49	
				60	12.61	13.06	12.61	13.06	
			242T	61	13.15	13.30	13.15	13.30	
				62	13.37	13.53	13.37	13.53	
				64	13.72	13.26	13.72	13.26	
			484T	65	13.29	13.42	13.29	13.42	
				66	13.77	13.40	13.77	13.40	
			996T	67	13.33	13.34	13.33	13.34	
			SU	-	13.36	13.75	13.36	13.75	

* Calculation of Output Power : Corr'd Power = Meas Power + Duty CF [dB]

10.2.3. 802.11ax 1Tx (SISO) MODE 5.5 GHz BAND

Bandwidth and Antenna Gain, Limits

Mode	Channel	Frequency [MHz]	Min 26 dB BW [MHz]	Directional Gain [dBi]	Power Limit [dBm]	PPSD Limit [dBm/MHz]
HE20	100	5500	18.17	-1.80	23.59	11.00
	116	5580	18.00		23.55	
	140	5700	17.69		23.48	
HE40	102	5510	37.22		24.00	
	118	5590	37.86		24.00	
	134	5670	37.84		24.00	
HE80	106	5530	77.78		24.00	
	122	5610	77.92		24.00	

Included in Calculations of Corr'd [Power & PSD]				
Duty Cycle CF [dB]	HE20	26T	0.00	dB
		52T	0.00	dB
		106T	0.00	dB
		242T	0.00	dB
		SU	0.00	dB
	HE40	26T	0.00	dB
		52T	0.00	dB
		106T	0.00	dB
		242T	0.00	dB
		484T	0.00	dB
		SU	0.00	dB
	HE80	26T	0.00	dB
		52T	0.00	dB
		106T	0.00	dB
		242T	0.00	dB
		484T	0.00	dB
		996T	0.00	dB
		SU	0.00	dB

Output Power Results

Mode	Channel	Frequency [MHz]	Tones	RU offset	Meas Power [dBm]		Corr'd Power [dBm]		Power Limit [dBm]
					ANT1	ANT2	ANT1	ANT2	
HE20	100	5500	26T	0	8.80	9.09	8.80	9.09	23.59
				4	9.04	9.17	9.04	9.17	
				8	9.13	8.94	9.13	8.94	
			52T	37	10.99	11.15	10.99	11.15	
				38	11.15	11.28	11.15	11.28	
				40	11.30	11.04	11.30	11.04	
			106T	53	12.26	11.75	12.26	11.75	
				54	12.40	11.69	12.40	11.69	
	116	5580	242T	61	12.94	13.00	12.94	13.00	23.55
			SU	-	16.44	16.47	16.44	16.47	
			26T	0	9.08	8.84	9.08	8.84	
				4	8.91	8.99	8.91	8.99	
				8	8.63	8.82	8.63	8.82	
			52T	37	10.55	11.14	10.55	11.14	
				38	10.53	11.27	10.53	11.27	
				40	10.78	11.11	10.78	11.11	
	140	5700	106T	53	12.25	11.75	12.25	11.75	23.48
				54	11.90	11.71	11.90	11.71	
			242T	61	12.68	12.95	12.68	12.95	
			SU	-	16.20	16.53	16.20	16.53	
			26T	0	8.53	9.51	8.53	9.51	
				4	8.69	9.60	8.69	9.60	
				8	8.75	9.40	8.75	9.40	
			52T	37	10.65	11.54	10.65	11.54	
				38	10.78	11.64	10.78	11.64	
				40	10.83	11.45	10.83	11.45	
			106T	53	12.29	12.08	12.29	12.08	
				54	12.30	12.03	12.30	12.03	
			242T	61	13.20	13.22	13.20	13.22	
			SU	-	15.98	16.81	15.98	16.81	

* Calculation of Output Power : Corr'd Power = Meas Power + Duty CF [dB]

Mode	Channel	Frequency [MHz]	Tones	RU offset	Meas Power [dBm]		Corr'd Power [dBm]		Power Limit [dBm]
					ANT1	ANT2	ANT1	ANT2	
HE40	102	5510	26T	0	8.73	9.40	8.73	9.40	24.00
				9	9.23	9.27	9.23	9.27	
				17	9.12	9.08	9.12	9.08	
			52T	37	10.87	10.93	10.87	10.93	
				41	11.27	11.25	11.27	11.25	
				44	11.27	10.64	11.27	10.64	
			106T	53	12.34	12.09	12.34	12.09	
				54	12.22	12.32	12.22	12.32	
				56	12.41	11.86	12.41	11.86	
			242T	61	13.06	13.29	13.06	13.29	
				62	13.46	13.15	13.46	13.15	
			484T	65	13.33	13.28	13.33	13.28	
			SU	-	15.66	15.57	15.66	15.57	
	118	5590	26T	0	8.92	9.42	8.92	9.42	24.00
				9	9.04	9.30	9.04	9.30	
				17	8.84	8.58	8.84	8.58	
			52T	37	11.07	10.94	11.07	10.94	
				41	11.16	11.25	11.16	11.25	
				44	11.01	11.08	11.01	11.08	
			106T	53	11.81	12.07	11.81	12.07	
				54	11.81	12.34	11.81	12.34	
				56	11.54	11.85	11.54	11.85	
			242T	61	13.25	13.30	13.25	13.30	
				62	13.21	13.15	13.21	13.15	
			484T	65	13.28	13.28	13.28	13.28	
			SU	-	15.09	15.56	15.09	15.56	
	134	5670	26T	0	9.39	9.11	9.39	9.11	24.00
				9	9.08	9.13	9.08	9.13	
				17	8.62	9.05	8.62	9.05	
			52T	37	11.12	10.70	11.12	10.70	
				41	10.70	11.15	10.70	11.15	
				44	10.74	10.67	10.74	10.67	
			106T	53	12.29	11.95	12.29	11.95	
				54	12.11	12.22	12.11	12.22	
				56	11.94	11.88	11.94	11.88	
			242T	61	13.10	12.96	13.10	12.96	
				62	12.81	12.90	12.81	12.90	
			484T	65	13.31	13.01	13.31	13.01	
			SU	-	15.70	15.37	15.70	15.37	

* Calculation of Output Power : Corr'd Power = Meas Power + Duty CF [dB]

Mode	Channel	Frequency [MHz]	Tones	RU offset	Meas Power [dBm]		Corr'd Power [dBm]		Power Limit [dBm]
					ANT1	ANT2	ANT1	ANT2	
HE80	106	5530	26T	0	8.68	8.68	8.68	8.68	24.00
				18	9.46	9.46	9.46	9.46	
				36	8.93	8.93	8.93	8.93	
			52T	37	10.82	10.82	10.82	10.82	
				45	11.14	11.14	11.14	11.14	
				52	10.60	10.60	10.60	10.60	
			106T	53	12.19	12.19	12.19	12.19	
				57	12.72	12.72	12.72	12.72	
				60	11.50	11.50	11.50	11.50	
			242T	61	13.33	13.33	13.33	13.33	
				62	13.40	13.40	13.40	13.40	
				64	12.80	12.80	12.80	12.80	
	122	5610	484T	65	13.13	13.13	13.13	13.13	24.00
				66	13.26	13.26	13.26	13.26	
				996T	67	13.12	13.12	13.12	
			SU	-	13.62	13.62	13.62	13.62	
			26T	0	9.10	9.10	9.10	9.10	
				18	8.82	8.82	8.82	8.82	
				36	9.19	9.19	9.19	9.19	
			52T	37	11.18	11.18	11.18	11.18	
				45	10.64	10.64	10.64	10.64	
				52	10.99	10.99	10.99	10.99	
			106T	53	11.98	11.98	11.98	11.98	
				57	12.30	12.30	12.30	12.30	
				60	12.60	12.60	12.60	12.60	
			242T	61	12.89	12.89	12.89	12.89	
				62	12.86	12.86	12.86	12.86	
				64	13.64	13.64	13.64	13.64	
			484T	65	12.89	12.89	12.89	12.89	
				66	13.54	13.54	13.54	13.54	
				996T	67	13.14	13.14	13.14	
			SU	-	13.62	13.62	13.62	13.62	

* Calculation of Output Power : Corr'd Power = Meas Power + Duty CF [dB]

10.2.4.802.11ax 1Tx (SISO) MODE 5.8 GHz BAND

Bandwidth and Antenna Gain, Limits

Mode	Channel	Frequency [MHz]	Directional Gain [dBi]	Power Limit [dBm]	PPSD Limit [dBm/500kHz]
HE20	149	5745	-2.50	30.00	30.00
	157	5785			
	165	5825			
HE40	151	5755			
	159	5795			
HE80	155	5775			

Included in Calculations of Corr'd [Power & PSD]				
Duty Cycle CF [dB]	HE20	26T	0.00	dB
		52T	0.00	dB
		106T	0.00	dB
		242T	0.00	dB
		SU	0.00	dB
	HE40	26T	0.00	dB
		52T	0.00	dB
		106T	0.00	dB
		242T	0.00	dB
		484T	0.00	dB
		SU	0.00	dB
	HE80	26T	0.00	dB
		52T	0.00	dB
		106T	0.00	dB
		242T	0.00	dB
		484T	0.00	dB
		996T	0.00	dB
		SU	0.00	dB

Output Power Results

Mode	Channel	Frequency [MHz]	Tones	RU offset	Meas Power [dBm]		Corr'd Power [dBm]		Power Limit [dBm]
					ANT1	ANT2	ANT1	ANT2	
HE20	149	5745	26T	0	9.46	8.69	9.46	8.69	30.00
				4	9.76	8.81	9.76	8.81	
				8	9.60	8.70	9.60	8.70	
			52T	37	10.80	10.93	10.80	10.93	
				38	10.99	11.07	10.99	11.07	
				40	10.86	10.94	10.86	10.94	
			106T	53	12.40	11.98	12.40	11.98	
				54	12.49	11.95	12.49	11.95	
			242T	61	13.51	13.12	13.51	13.12	
			SU	-	16.33	16.26	16.33	16.26	
	157	5785	26T	0	9.08	9.09	9.08	9.09	
				4	9.00	9.22	9.00	9.22	
				8	8.69	9.07	8.69	9.07	
			52T	37	11.24	10.72	11.24	10.72	
				38	11.27	10.88	11.27	10.88	
				40	10.92	10.74	10.92	10.74	
			106T	53	12.13	11.75	12.13	11.75	
				54	11.81	11.74	11.81	11.74	
			242T	61	12.85	12.91	12.85	12.91	
			SU	-	16.57	16.00	16.57	16.00	
	165	5825	26T	0	8.88	9.07	8.88	9.07	
				4	9.13	9.12	9.13	9.12	
				8	9.19	8.96	9.19	8.96	
			52T	37	10.95	10.68	10.95	10.68	
				38	11.13	10.81	11.13	10.81	
				40	11.23	10.61	11.23	10.61	
			106T	53	12.02	11.71	12.02	11.71	
				54	12.21	11.61	12.21	11.61	
			242T	61	12.86	12.60	12.86	12.60	
			SU	-	16.01	16.47	16.01	16.47	

* Calculation of Output Power : Corr'd Power = Meas Power + Duty CF [dB]

Mode	Channel	Frequency [MHz]	Tones	RU offset	Meas Power [dBm]		Corr'd Power [dBm]		Power Limit [dBm]
					ANT1	ANT2	ANT1	ANT2	
HE40	151	5755	26T	0	8.92	8.79	8.92	8.79	30.00
				9	9.52	9.36	9.52	9.36	
				17	8.92	8.86	8.92	8.86	
			52T	37	10.78	11.03	10.78	11.03	
				41	11.15	11.57	11.15	11.57	
				44	11.21	11.11	11.21	11.11	
			106T	53	12.47	11.76	12.47	11.76	
				54	12.22	12.05	12.22	12.05	
				56	11.97	11.71	11.97	11.71	
			242T	61	13.54	12.86	13.54	12.86	
				62	13.21	12.84	13.21	12.84	
			484T	65	13.44	12.94	13.44	12.94	
			SU	-	15.03	15.33	15.03	15.33	
	159	5795	26T	0	8.68	8.52	8.68	8.52	
				9	8.65	9.04	8.65	9.04	
				17	8.70	8.80	8.70	8.80	
			52T	37	10.86	11.10	10.86	11.10	
				41	10.77	11.01	10.77	11.01	
				44	10.87	11.00	10.87	11.00	
			106T	53	12.01	11.78	12.01	11.78	
				54	11.87	12.08	11.87	12.08	
				56	12.13	11.68	12.13	11.68	
			242T	61	13.11	12.94	13.11	12.94	
				62	12.77	12.88	12.77	12.88	
			484T	65	13.01	12.97	13.01	12.97	
			SU	-	14.81	15.36	14.81	15.36	
HE80	155	5775	26T	0	9.21	8.58	9.21	8.58	
				18	8.86	9.07	8.86	9.07	
				36	8.87	9.51	8.87	9.51	
			52T	37	11.38	10.60	11.38	10.60	
				45	10.82	11.09	10.82	11.09	
				52	10.85	11.54	10.85	11.54	
			106T	53	12.84	12.22	12.84	12.22	
				57	12.13	12.06	12.13	12.06	
				60	12.03	12.04	12.03	12.04	
			242T	61	13.73	12.99	13.73	12.99	
				62	12.90	13.23	12.90	13.23	
				64	13.19	12.97	13.19	12.97	
			484T	65	13.02	13.15	13.02	13.15	
				66	12.92	13.15	12.92	13.15	
			996T	67	13.00	13.07	13.00	13.07	
			SU	-	13.37	13.43	13.37	13.43	

* Calculation of Output Power : Corr'd Power = Meas Power + Duty CF [dB]

10.2.5. 802.11ax 2Tx (MIMO) MODE 5.2 GHz BAND

Bandwidth and Antenna Gain, Limits

Mode	Channel	Frequency [MHz]	Min 26 dB BW [MHz]	Directional Gain [dBi]	Power Limit [dBm]	PPSD Limit [dBm/MHz]
HE20	36	5180	18.11	-2.50	23.58	11.00
	40	5200	18.22		23.61	
	48	5240	18.17		23.59	
HE40	38	5190	37.40		24.00	
	46	5230	37.81		24.00	
HE80	42	5210	77.23		24.00	

Included in Calculations of Corr'd [Power & PSD]				
Duty Cycle CF [dB]	HE20	26T	0.00	dB
		52T	0.00	dB
		106T	0.00	dB
		242T	0.00	dB
		SU	0.00	dB
	HE40	26T	0.00	dB
		52T	0.00	dB
		106T	0.00	dB
		242T	0.00	dB
		484T	0.00	dB
		SU	0.00	dB
	HE80	26T	0.00	dB
		52T	0.00	dB
		106T	0.00	dB
		242T	0.00	dB
		484T	0.00	dB
		996T	0.00	dB
		SU	0.00	dB

Output Power Results

Mode	Channel	Frequency [MHz]	Tones	RU offset	Meas Power [dBm]		Total Corr'd Power [dBm]	Power Limit [dBm]
					ANT1	ANT2		
HE20	36	5180	26T	0	9.28	8.90	12.10	23.58
				4	9.19	8.49	11.86	
				8	9.37	8.37	11.91	
			52T	37	11.36	10.84	14.12	
				38	11.13	10.53	13.85	
				40	11.23	10.50	13.89	
			106T	53	12.52	12.00	15.28	
				54	12.85	12.05	15.48	
	40	5200	242T	61	13.43	12.72	16.10	23.61
			SU	-	15.95	15.40	18.69	
			26T	0	9.53	8.74	12.16	
				4	9.44	8.33	11.93	
				8	9.59	8.18	11.95	
			52T	37	11.73	10.74	14.27	
				38	11.54	10.32	13.98	
				40	11.63	10.33	14.04	
	48	5240	106T	53	12.90	11.83	15.41	23.59
				54	13.22	11.94	15.64	
			242T	61	13.80	12.70	16.30	
			SU	-	16.15	15.30	18.76	
			26T	0	9.30	8.70	12.02	
				4	9.28	8.92	12.11	
				8	8.94	8.88	11.92	
			52T	37	11.80	10.59	14.25	
				38	11.83	10.75	14.33	
				40	11.47	10.58	14.06	
			106T	53	12.67	11.74	15.24	
				54	12.39	11.75	15.09	
			242T	61	13.42	12.54	16.01	
			SU	-	16.10	15.58	18.86	

* Calculation of Output Power : Total Corr'd Power = Ant1 Power + Ant2 Power + Duty CF [dB]