UNII	Mode	BW [MHz]	Rate	Ch#	Freq [MHz]	RU config	Chain	Ouput Power [dBm]	Max(1) Ouput Power [dBm]	Antenna Gain (dBi)	Max(1) EIRP [dBm]	Max(1) Output Power [mW]	Max(1). EIRP [mW]
UNII-8	802.11ac	160	VHT0	207	6985	n/a	SISO A	13.80	13.80	5.59	19.39	23.99	86.90
							SISO B	12.15	12.15		17.74	16.41	59.43
							MIMO A	10.48	10.48		16.07	11.17	40.46
							MIMO B	9.95	9.95		15.54	9.89	35.81
							Combined A+B	13.23	13.23		18.82	21.05	76.27

(1) Value compensated with the duty cycle
(2) Max/Min value highlighted per mode/bandwidth

UNII	Mode	BW [MHz]	Rate	Ch#	Freq [MHz]	RU config	Chain	Ouput Power [dBm]	Max(1) Ouput Power [dBm]	Antenna Gain (dBi)	Max(1) EIRP [dBm]	Max(1) Output Power [mW]	Max(1). EIRP [mW]
UNII8	802.11ax	20	HE0	185	6875	Full BW	SISO A	4.76	4.76	5.59	10.35	2.99	10.84
							SISO B	4.77	4.77		10.36	3.00	10.86
							MIMO A	1.31	1.31		6.90	1.35	4.90
							MIMO B	1.71	1.71		7.30	1.48	5.37
							Combined A+B	4.52	4.52		10.11	2.83	10.27
				209	6995		SISO A	4.79	4.79		10.38	3.01	10.91
							SISO B	4.83	4.83		10.42	3.04	11.02
							MIMO A	1.32	1.32		6.91	1.36	4.91
							MIMO B	1.09	1.09		6.68	1.29	4.66
							Combined A+B	4.22	4.22		9.81	2.64	9.56
				229	7095		SISO A	4.76	4.76		10.35	2.99	10.84
							SISO B	4.84	4.84		10.43	3.05	11.04
							MIMO A	1.55	1.55		7.14	1.43	5.18
							MIMO B	1.04	1.04		6.63	1.27	4.60
							Combined A+B	4.31	4.31		9.90	2.70	9.78
				233	7115		SISO A	0.73	0.73		6.32	1.18	4.29
							SISO B	0.38	0.38		5.97	1.09	3.95
							MIMO A	-2.39	-2.39		3.20	0.58	2.09
							MIMO B	-2.44	-2.44		3.15	0.57	2.07
							Combined A+B	0.60	0.60		6.19	1.15	4.15
	802.11ax	40	HE0	187	6885	Full BW	SISO A	7.80	7.80		13.39	6.03	21.83
							SISO B	7.56	7.56		13.15	5.70	20.65
							MIMO A	4.52	4.52		10.11	2.83	10.26
							MIMO B	3.90	3.90		9.49	2.45	8.89
							Combined A+B	7.23	7.23		12.82	5.29	19.15
				227	7085		SISO A	7.91	7.91		13.50	6.18	22.39
							SISO B	8.12	8.12		13.71	6.49	23.50
							MIMO A	4.36	4.36		9.95	2.73	9.89
							MIMO B	4.00	4.00		9.59	2.51	9.10
							Combined A+B	7.19	7.19		12.78	5.24	18.98
	802.11ax	80	HE0	183	6865	Full BW	SISO A	10.65	10.65		16.24	11.61	42.07
							SISO B	10.55	10.55		16.14	11.35	41.11
							MIMO A	7.34	7.34		12.93	5.42	19.63
							MIMO B	6.58	6.58		12.17	4.55	16.48
							Combined A+B	9.99	9.99		15.58	9.97	36.12
				199	6945		SISO A	10.86	10.86		16.45	12.19	44.16
							SISO B	10.56	10.56		16.15	11.38	41.21
							MIMO A	8.03	8.03		13.62	6.35	23.01
							MIMO B	7.46	7.46		13.05	5.57	20.18
							Combined A+B	10.76	10.76		16.35	11.93	43.20
				215	7025		SISO A	10.89	10.89		16.48	12.27	44.46
							SISO B	10.51	10.51		16.10	11.25	40.74
							MIMO A	8.08	8.08		13.67	6.43	23.28
							MIMO B	7.80	7.80		13.39	6.03	21.83
							Combined A+B	10.95	10.95		16.54	12.45	45.11
	802.11ax	160	HE0	207	6985	Full BW	SISO A	13.79	13.79		19.38	23.93	86.70
							SISO B	12.34	12.34		17.93	17.14	62.09
							MIMO A	10.74	10.74		16.33	11.86	42.95
							MIMO B	9.83	9.83		15.42	9.62	34.83
							Combined A+B	13.32	13.32		18.91	21.47	77.79

(1) Value compensated with the duty cycle
(2) Max/Min value highlighted per mode/bandwidth

Maximum Power Spectral Density (PSD)

UNII5

UNII	Mode_BW	Rate	Channel	Freq. [MHz]	RU config.	Antenna	PSD [dBm/MHz]	Max(1) PSD [dBm/MHz]	Antenna Gain (dBi)	Max(1) PSD EIRP [dBm/MHz]
UNII5	802.11a20	6Mbps	1	5955	n/a	SISO A	-6.77	-6.77		-1.18
UNII5	802.11a20	6Mbps	1	5955	n/a	SISO B	-7.76	-7.76		-2.17
UNII5	802.11a20	6Mbps	45	6175	n/a	SISO A	-7.51	-7.51		-1.92
UNII5	802.11a20	6Mbps	45	6175	n/a	SISO B	-7.14	-7.14		-1.55
UNII5	802.11a20	6Mbps	93	6415	n/a	SISO A	-7.40	-7.40		-1.81
UNII5	802.11a20	6Mbps	93	6415	n/a	SISO B	-6.97	-6.97		-1.38
UNII5	802.11n20	HT0	1	5955	n/a	SISO A	-7.09	-7.09		-1.50
UNII5	802.11n20	HT0	1	5955	n/a	SISO B	-7.33	-7.33		-1.74
UNII5	802.11n20	HT0	45	6175	n/a	SISO A	-7.12	-7.12		-1.53
UNII5	802.11n20	HT0	45	6175	n/a	SISO B	-7.44	-7.44		-1.85
UNII5	802.11n20	HT0	93	6415	n/a	SISO A	-7.30	-7.30		-1.71
UNII5	802.11n20	HT0	93	6415	n/a	SISO B	-7.23	-7.23		-1.64
UNII5	802.11n20	HT8	1	5955	n/a	MIMO A	-10.73	-10.73		-5.14
UNII5	802.11n20	HT8	1	5955	n/a	MIMO B	-10.16	-10.16		-4.57
UNII5	802.11n20	HT8	1	5955	n/a	Combined A+B	-7.43	-7.43		-1.84
UNII5	802.11n20	HT8	45	6175	n/a	MIMO A	-10.11	-10.11		-4.52
UNII5	802.11n20	HT8	45	6175	n/a	MIMO B	-10.80	-10.80		-5.21
UNII5	802.11n20	HT8	45	6175	n/a	Combined A+B	-7.43	-7.43		-1.84
UNII5	802.11n20	HT8	93	6415	n/a	MIMO A	-9.72	-9.72		-4.13
UNII5	802.11n20	HT8	93	6415	n/a	MIMO B	-10.29	-10.29		-4.70
UNII5	802.11n20	HT8	93	6415	n/a	Combined A+B	-6.99	-6.99		-1.40
UNII5	802.11n40	HT0	3	5965	n/a	SISO A	-6.91	-6.91		-1.32
UNII5	802.11n40	HT0	3	5965	n/a	SISO B	-7.81	-7.81		-2.22
UNII5	802.11n40	HT0	43	6165	n/a	SISO A	-7.13	-7.13		-1.54
UNII5	802.11n40	HT0	43	6165	n/a	SISO B	-7.83	-7.83		-2.24
UNII5	802.11n40	HT0	91	6405	n/a	SISO A	-6.96	-6.96		-1.37
UNII5	802.11n40	HT0	91	6405	n/a	SISO B	-7.10	-7.10		-1.51
UNII5	802.11n40	HT8	3	5965	n/a	MIMO A	-10.23	-10.23		-4.64
UNII5	802.11n40	HT8	3	5965	n/a	MIMO B	-10.48	-10.48		-4.89
UNII5	802.11n40	HT8	3	5965	n/a	Combined A+B	-7.34	-7.34		-1.75
UNII5	802.11n40	HT8	43	6165	n/a	MIMO A	-9.91	-9.91	5.59	-4.32
UNII5	802.11n40	HT8	43	6165	n/a	MIMO B	-10.48	-10.48		-4.89
UNII5	802.11n40	HT8	43	6165	n/a	Combined A+B	-7.18	-7.18		-1.59
UNII5	802.11n40	HT8	91	6405	n/a	MIMO A	-10.13	-10.13		-4.54
UNII5	802.11n40	HT8	91	6405	n/a	MIMO B	-10.34	-10.34		-4.75
UNII5	802.11n40	HT8	91	6405	n/a	Combined A+B	-7.22	-7.22		-1.63
UNII5	802.11ac80	VHT0	7	5985	n/a	SISO A	-7.30	-7.30		-1.71
UNII5	802.11ac80	VHT0	7	5985	n/a	SISO B	-7.31	-7.31		-1.72
UNII5	802.11ac80	VHT0	7	5985	n/a	MIMO A	-10.69	-10.69		-5.10
UNII5	802.11ac80	VHT0	7	5985	n/a	MIMO B	-10.92	-10.92		-5.33
UNII5	802.11ac80	VHT0	7	5985	n/a	Combined A+B	-7.79	-7.79		-2.20
UNII5	802.11ac80	VHT0	39	6145	n/a	SISO A	-7.35	-7.35		-1.76
UNII5	802.11ac80	VHT0	39	6145	n/a	SISO B	-6.98	-6.98		-1.39
UNII5	802.11ac80	VHT0	39	6145	n/a	MIMO A	-10.28	-10.28		-4.69
UNII5	802.11ac80	VHT0	39	6145	n/a	MIMO B	-11.12	-11.12		-5.53
UNII5	802.11ac80	VHT0	39	6145	n/a	Combined A+B	-7.67	-7.67		-2.08
UNII5	802.11ac80	VHT0	87	6385	n/a	SISO A	-7.20	-7.20		-1.61
UNII5	802.11ac80	VHT0	87	6385	n/a	SISO B	-7.11	-7.11		-1.52
UNII5	802.11ac80	VHT0	87	6385	n/a	MIMO A	-10.62	-10.62		-5.03
UNII5	802.11ac80	VHT0	87	6385	n/a	MIMO B	-10.72	-10.72		-5.13
UNII5	802.11ac80	VHT0	87	6385	n/a	Combined A+B	-7.66	-7.66		-2.07
UNII5	802.11ac160	VHT0	15	6025	n/a	SISO A	-7.25	-7.25		-1.66
UNII5	802.11ac160	VHT0	15	6025	n/a	SISO B	-7.57	-7.57		-1.98
UNII5	802.11ac160	VHT0	15	6025	n/a	MIMO A	-10.29	-10.29		-4.70
UNII5	802.11ac160	VHT0	15	6025	n/a	MIMO B	-10.78	-10.78		-5.19
UNII5	802.11ac160	VHT0	15	6025	n/a	Combined A+B	-7.52	-7.52		-1.93
UNII5	802.11ac160	VHT0	79	6345	n/a	SISO A	-7.06	-7.06		-1.47
UNII5	802.11ac160	VHT0	79	6345	n/a	SISO B	-7.27	-7.27		-1.68
UNII5	802.11ac160	VHT0	79	6345	n/a	MIMO A	-10.51	-10.51		-4.92
UNII5	802.11ac160	VHT0	79	6345	n/a	MIMO B	-10.30	-10.30		-4.71
UNII5	802.11ac160	VHT0	79	6345	n/a	Combined A+B	-7.39	-7.39		-1.80

(1) Value compensated with the duty cycle

UNII	Mode_BW	Rate	Channel	Freq. [MHz]	RU config.	Antenna	PSD [dBm/MHz]	Max(1) PSD [dBm/MHz]	Antenna Gain (dBi)	Max(1) PSD EIRP [dBm/MHz]
UNII5	802.11ax20	HE0	1	5955	FullBW	SISO A	-6.84	-6.84		-1.25
UNII5	802.11ax20	HE0	1	5955	FullBW	SISO B	-7.67	-7.67		-2.08
UNII5	802.11ax20	HE0	1	5955	FullBW	MIMO A	-10.81	-10.81		-5.22
UNII5	802.11ax20	HE0	1	5955	FullBW	MIMO B	-10.12	-10.12		-4.53
UNII5	802.11ax20	HE0	1	5955	FullBW	Combined A+B	-7.44	-7.44		-1.85
UNII5	802.11ax20	HE0	45	6175	FullBW	SISO A	-7.13	-7.13		-1.54
UNII5	802.11ax20	HE0	45	6175	FullBW	SISO B	-7.59	-7.59		-2.00
UNII5	802.11ax20	HE0	45	6175	FullBW	MIMO A	-10.32	-10.32		-4.73
UNII5	802.11ax20	HE0	45	6175	FullBW	MIMO B	-10.60	-10.60		-5.01
UNII5	802.11ax20	HE0	45	6175	FullBW	Combined A+B	-7.45	-7.45		-1.86
UNII5	802.11ax20	HE0	93	6415	FullBW	SISO A	-6.88	-6.88		-1.29
UNII5	802.11ax20	HE0	93	6415	FullBW	SISO B	-7.41	-7.41		-1.82
UNII5	802.11ax20	HE0	93	6415	FullBW	MIMO A	-10.11	-10.11		-4.52
UNII5	802.11ax20	HE0	93	6415	FullBW	MIMO B	-10.70	-10.70		-5.11
UNII5	802.11ax20	HE0	93	6415	FullBW	Combined A+B	-7.38	-7.38		-1.79
UNII5	802.11ax40	HE0	3	5965	FullBW	SISO A	-7.20	-7.20		-1.61
UNII5	802.11ax40	HE0	3	5965	FullBW	SISO B	-6.79	-6.79		-1.20
UNII5	802.11ax40	HE0	3	5965	FullBW	MIMO A	-10.03	-10.03		-4.44
UNII5	802.11ax40	HE0	3	5965	FullBW	MIMO B	-10.64	-10.64		-5.05
UNII5	802.11ax40	HE0	3	5965	FullBW	Combined A+B	-7.31	-7.31		-1.72
UNII5	802.11ax40	HE0	43	6165	FullBW	SISO A	-7.19	-7.19		-1.60
UNII5	802.11ax40	HE0	43	6165	FullBW	SISO B	-7.07	-7.07		-1.48
UNII5	802.11ax40	HE0	43	6165	FullBW	MIMO A	-10.27	-10.27		-4.68
UNII5	802.11ax40	HE0	43	6165	FullBW	MIMO B	-10.70	-10.70		-5.11
UNII5	802.11ax40	HE0	43	6165	FullBW	Combined A+B	-7.47	-7.47		-1.88
UNII5	802.11ax40	HE0	91	6405	FullBW	SISO A	-6.80	-6.80		-1.21
UNII5	802.11ax40	HE0	91	6405	FullBW	SISO B	-6.91	-6.91		-1.32
UNII5	802.11ax40	HE0	91	6405	FullBW	MIMO A	-10.03	-10.03	5.59	-4.44
UNII5	802.11ax40	HE0	91	6405	FullBW	MIMO B	-10.58	-10.58		-4.99
UNII5	802.11ax40	HE0	91	6405	FullBW	Combined A+B	-7.29	-7.29		-1.70
UNII5	802.11ax80	HE0	7	5985	FullBW	SISO A	-6.95	-6.95		-1.36
UNII5	802.11ax80	HE0	7	5985	FullBW	SISO B	-7.88	-7.88		-2.29
UNII5	802.11ax80	HE0	7	5985	FullBW	MIMO A	-9.87	-9.87		-4.28
UNII5	802.11ax80	HE0	7	5985	FullBW	MIMO B	-9.99	-9.99		-4.40
UNII5	802.11ax80	HE0	7	5985	FullBW	Combined A+B	-6.92	-6.92		-1.33
UNII5	802.11ax80	HE0	39	6145	FullBW	SISO A	-7.08	-7.08		-1.49
UNII5	802.11ax80	HE0	39	6145	FullBW	SISO B	-6.98	-6.98		-1.39
UNII5	802.11ax80	HE0	39	6145	FullBW	MIMO A	-10.23	-10.23		-4.64
UNII5	802.11ax80	HE0	39	6145	FullBW	MIMO B	-10.31	-10.31		-4.72
UNII5	802.11ax80	HE0	39	6145	FullBW	Combined A+B	-7.26	-7.26		-1.67
UNII5	802.11ax80	HE0	87	6385	FullBW	SISO A	-7.56	-7.56		-1.97
UNII5	802.11ax80	HE0	87	6385	FullBW	SISO B	-7.44	-7.44		-1.85
UNII5	802.11ax80	HE0	87	6385	FullBW	MIMO A	-10.83	-10.83		-5.24
UNII5	802.11ax80	HE0	87	6385	FullBW	MIMO B	-11.19	-11.19		-5.60
UNII5	802.11ax80	HE0	87	6385	FullBW	Combined A+B	-8.00	-8.00		-2.41
UNII5	802.11ax160	HE0	15	6025	FullBW	SISO A	-7.05	-7.05		-1.46
UNII5	802.11ax160	HE0	15	6025	FullBW	SISO B	-7.23	-7.23		-1.64
UNII5	802.11ax160	HE0	15	6025	FullBW	MIMO A	-10.44	-10.44		-4.85
UNII5	802.11ax160	HE0	15	6025	FullBW	MIMO B	-11.09	-11.09		-5.50
UNII5	802.11ax160	HE0	15	6025	FullBW	Combined A+B	-7.74	-7.74		-2.15
UNII5	802.11ax160	HE0	79	6345	FullBW	SISO A	-6.96	-6.96		-1.37
UNII5	802.11ax160	HE0	79	6345	FullBW	SISO B	-7.64	-7.64		-2.05
UNII5	802.11ax160	HE0	79	6345	FullBW	MIMO A	-10.28	-10.28		-4.69
UNII5	802.11ax160	HE0	79	6345	FullBW	MIMO B	-10.82	-10.82		-5.23
UNII5	802.11ax160	HE0	79	6345	FullBW	Combined A+B	-7.53	-7.53		-1.94

(1) Value compensated with the duty cycle

UNII6

UNII	Mode_BW	Rate	Channel	Freq. [MHz]	RU config.	Antenna	PSD [dBm/MHz]	Max(1) PSD [dBm/MHz]	Antenna Gain (dBi)	Max(1) PSD EIRP [dBm/MHz]
UNII6	802.11a20	6Mbps	97	6435	NA	SISO A	-7.18	-7.18	5.59	-1.59
UNII6	802.11a20	6Mbps	97	6435	NA	SISO B	-6.91	-6.91		-1.32
UNII6	802.11a20	6Mbps	105	6475	NA	SISO A	-7.26	-7.26		-1.67
UNII6	802.11a20	6Mbps	105	6475	NA	SISO B	-7.06	-7.06		-1.47
UNII6	802.11a20	6Mbps	113	6515	NA	SISO A	-7.07	-7.07		-1.48
UNII6	802.11a20	6Mbps	113	6515	NA	SISO B	-7.30	-7.30		-1.71
UNII6	802.11n20	HT0	97	6435	NA	SISO A	-7.24	-7.24		-1.65
UNII6	802.11n20	HT0	97	6435	NA	SISO B	-7.08	-7.08		-1.49
UNII6	802.11n20	HT0	105	6475	NA	SISO A	-7.22	-7.22		-1.63
UNII6	802.11n20	HT0	105	6475	NA	SISO B	-7.42	-7.42		-1.83
UNII6	802.11n20	HT0	113	6515	NA	SISO A	-7.06	-7.06		-1.47
UNII6	802.11n20	HT0	113	6515	NA	SISO B	-7.23	-7.23		-1.64
UNII6	802.11n20	HT8	97	6435	NA	MIMO A	-10.07	-10.07		-4.48
UNII6	802.11n20	HT8	97	6435	NA	MIMO B	-10.70	-10.70		-5.11
UNII6	802.11n20	HT8	97	6435	NA	Combined A+B	-7.36	-7.36		-1.77
UNII6	802.11n20	HT8	105	6475	NA	MIMO A	-10.66	-10.66		-5.07
UNII6	802.11n20	HT8	105	6475	NA	MIMO B	-10.84	-10.84		-5.25
UNII6	802.11n20	HT8	105	6475	NA	Combined A+B	-7.74	-7.74		-2.15
UNII6	802.11n20	HT8	113	6515	NA	MIMO A	-10.76	-10.76		-5.17
UNII6	802.11n20	HT8	113	6515	NA	MIMO B	-11.22	-11.22		-5.63
UNII6	802.11n20	HT8	113	6515	NA	Combined A+B	-7.97	-7.97		-2.38
UNII6	802.11n40	HT0	99	6445	NA	SISO A	-7.28	-7.28		-1.69
UNII6	802.11n40	HT0	99	6445	NA	SISO B	-7.24	-7.24		-1.65
UNII6	802.11n40	HT0	107	6485	NA	SISO A	-7.39	-7.39		-1.80
UNII6	802.11n40	HT0	107	6485	NA	SISO B	-6.78	-6.78		-1.19
UNII6	802.11n40	HT8	99	6445	NA	MIMO A	-10.49	-10.49		-4.90
UNII6	802.11n40	HT8	99	6445	NA	MIMO B	-10.67	-10.67		-5.08
UNII6	802.11n40	HT8	99	6445	NA	Combined A+B	-7.57	-7.57		-1.98
UNII6	802.11n40	HT8	107	6485	NA	MIMO A	-9.95	-9.95		-4.36
UNII6	802.11n40	HT8	107	6485	NA	MIMO B	-10.57	-10.57		-4.98
UNII6	802.11n40	HT8	107	6485	NA	Combined A+B	-7.24	-7.24		-1.65
UNII6	802.11ac80	VHT0	103	6465	NA	SISO A	-7.11	-7.11		-1.52
UNII6	802.11ac80	VHT0	103	6465	NA	SISO B	-7.17	-7.17		-1.58
UNII6	802.11ac80	VHT0	103	6465	NA	MIMO A	-10.34	-10.34		-4.75
UNII6	802.11ac80	VHT0	103	6465	NA	MIMO B	-10.55	-10.55		-4.96
UNII6	802.11ac80	VHT0	103	6465	NA	Combined A+B	-7.43	-7.43		-1.84
UNII6	802.11ac80	VHT0	119	6545	NA	SISO A	-7.51	-7.51		-1.92
UNII6	802.11ac80	VHT0	119	6545	NA	SISO B	-7.33	-7.33		-1.74
UNII6	802.11ac80	VHT0	119	6545	NA	MIMO A	-10.70	-10.70		-5.11
UNII6	802.11ac80	VHT0	119	6545	NA	MIMO B	-10.84	-10.84		-5.25
UNII6	802.11ac80	VHT0	119	6545	NA	Combined A+B	-7.76	-7.76		-2.17
UNII6	802.11ac160	VHT0	111	6505	NA	SISO A	-7.35	-7.35		-1.76
UNII6	802.11ac160	VHT0	111	6505	NA	SISO B	-7.50	-7.50		-1.91
UNII6	802.11ac160	VHT0	111	6505	NA	MIMO A	-10.41	-10.41		-4.82
UNII6	802.11ac160	VHT0	111	6505	NA	MIMO B	-10.79	-10.79		-5.20
UNII6	802.11ac160	VHT0	111	6505	NA	Combined A+B	-7.59	-7.59		-2.00

(1) Value compensated with the duty cycle

UNII	Mode_BW	Rate	Channel	Freq. [MHz]	RU config.	Antenna	PSD [dBm/MHz]	Max(1) PSD [dBm/MHz]	Antenna Gain (dBi)	Max(1) PSD EIRP [dBm/MHz]
UNII6	802.11ax20	HE0	97	6435	FullBW	SISO A	-7.14	-7.14	5.59	-1.55
UNII6	802.11ax20	HE0	97	6435	FullBW	SISO B	-6.86	-6.86		-1.27
UNII6	802.11ax20	HE0	97	6435	FullBW	MIMO A	-10.21	-10.21		-4.62
UNII6	802.11ax20	HE0	97	6435	FullBW	MIMO B	-10.39	-10.39		-4.80
UNII6	802.11ax20	HE0	97	6435	FullBW	Combined A+B	-7.29	-7.29		-1.70
UNII6	802.11ax20	HE0	105	6475	FullBW	SISO A	-7.23	-7.23		-1.64
UNII6	802.11ax20	HE0	105	6475	FullBW	SISO B	-7.28	-7.28		-1.69
UNII6	802.11ax20	HE0	105	6475	FullBW	MIMO A	-10.48	-10.48		-4.89
UNII6	802.11ax20	HE0	105	6475	FullBW	MIMO B	-10.96	-10.96		-5.37
UNII6	802.11ax20	HE0	105	6475	FullBW	Combined A+B	-7.70	-7.70		-2.11
UNII6	802.11ax20	HE0	113	6515	FullBW	SISO A	-7.46	-7.46		-1.87
UNII6	802.11ax20	HE0	113	6515	FullBW	SISO B	-7.51	-7.51		-1.92
UNII6	802.11ax20	HE0	113	6515	FullBW	MIMO A	-10.42	-10.42		-4.83
UNII6	802.11ax20	HE0	113	6515	FullBW	MIMO B	-10.77	-10.77		-5.18
UNII6	802.11ax20	HE0	113	6515	FullBW	Combined A+B	-7.58	-7.58		-1.99
UNII6	802.11ax40	HE0	99	6445	FullBW	SISO A	-7.07	-7.07		-1.48
UNII6	802.11ax40	HE0	99	6445	FullBW	SISO B	-6.76	-6.76		-1.17
UNII6	802.11ax40	HE0	99	6445	FullBW	MIMO A	-10.10	-10.10		-4.51
UNII6	802.11ax40	HE0	99	6445	FullBW	MIMO B	-10.30	-10.30		-4.71
UNII6	802.11ax40	HE0	99	6445	FullBW	Combined A+B	-7.19	-7.19		-1.60
UNII6	802.11ax40	HE0	107	6485	FullBW	SISO A	-7.19	-7.19		-1.60
UNII6	802.11ax40	HE0	107	6485	FullBW	SISO B	-7.75	-7.75		-2.16
UNII6	802.11ax40	HE0	107	6485	FullBW	MIMO A	-11.01	-11.01		-5.42
UNII6	802.11ax40	HE0	107	6485	FullBW	MIMO B	-11.19	-11.19		-5.60
UNII6	802.11ax40	HE0	107	6485	FullBW	Combined A+B	-8.09	-8.09		-2.50
UNII6	802.11ax80	HE0	103	6465	FullBW	SISO A	-7.27	-7.27		-1.68
UNII6	802.11ax80	HE0	103	6465	FullBW	SISO B	-7.96	-7.96		-2.37
UNII6	802.11ax80	HE0	103	6465	FullBW	MIMO A	-10.48	-10.48		-4.89
UNII6	802.11ax80	HE0	103	6465	FullBW	MIMO B	-10.74	-10.74		-5.15
UNII6	802.11ax80	HE0	103	6465	FullBW	Combined A+B	-7.60	-7.60		-2.01
UNII6	802.11ax80	HE0	119	6545	FullBW	SISO A	-7.83	-7.83		-2.24
UNII6	802.11ax80	HE0	119	6545	FullBW	SISO B	-7.75	-7.75		-2.16
UNII6	802.11ax80	HE0	119	6545	FullBW	MIMO A	-10.30	-10.30		-4.71
UNII6	802.11ax80	HE0	119	6545	FullBW	MIMO B	-10.34	-10.34		-4.75
UNII6	802.11ax80	HE0	119	6545	FullBW	Combined A+B	-7.31	-7.31		-1.72
UNII6	802.11ax160	HE0	111	6505	FullBW	SISO A	-7.33	-7.33		-1.74
UNII6	802.11ax160	HE0	111	6505	FullBW	SISO B	-7.73	-7.73		-2.14
UNII6	802.11ax160	HE0	111	6505	FullBW	MIMO A	-10.28	-10.28		-4.69
UNII6	802.11ax160	HE0	111	6505	FullBW	MIMO B	-10.67	-10.67		-5.08
UNII6	802.11ax160	HE0	111	6505	FullBW	Combined A+B	-7.46	-7.46		-1.87

(1) Value compensated with the duty cycle

UNII7

UNII	Mode_BW	Rate	Channel	Freq. [MHz]	RU config.	Antenna	PSD [dBm/MHz]	Max(1) PSD [dBm/MHz]	Antenna Gain (dBi)	Max(1) PSD EIRP [dBm/MHz]
UNII7	802.11a20	6Mbps	117	6535	NA	SISO A	-7.28	-7.28		-1.69
UNII7	802.11a20	6Mbps	117	6535	NA	SISO B	-6.93	-6.93		-1.34
UNII7	802.11a20	6Mbps	149	6695	NA	SISO A	-7.14	-7.14		-1.55
UNII7	802.11a20	6Mbps	149	6695	NA	SISO B	-6.96	-6.96		-1.37
UNII7	802.11a20	6Mbps	181	6855	NA	SISO A	-7.12	-7.12		-1.53
UNII7	802.11a20	6Mbps	181	6855	NA	SISO B	-6.80	-6.80		-1.21
UNII7	802.11n20	HT0	117	6535	NA	SISO A	-7.39	-7.39		-1.80
UNII7	802.11n20	HT0	117	6535	NA	SISO B	-7.42	-7.42		-1.83
UNII7	802.11n20	HT0	149	6695	NA	SISO A	-7.38	-7.38		-1.79
UNII7	802.11n20	HT0	149	6695	NA	SISO B	-6.78	-6.78		-1.19
UNII7	802.11n20	HT0	181	6855	NA	SISO A	-6.80	-6.80		-1.21
UNII7	802.11n20	HT0	181	6855	NA	SISO B	-7.40	-7.40		-1.81
UNII7	802.11n20	HT8	117	6535	NA	MIMO A	-10.37	-10.37		-4.78
UNII7	802.11n20	HT8	117	6535	NA	MIMO B	-10.59	-10.59		-5.00
UNII7	802.11n20	HT8	117	6535	NA	Combined A+B	-7.47	-7.47		-1.88
UNII7	802.11n20	HT8	149	6695	NA	MIMO A	-10.72	-10.72		-5.13
UNII7	802.11n20	HT8	149	6695	NA	MIMO B	-10.37	-10.37		-4.78
UNII7	802.11n20	HT8	149	6695	NA	Combined A+B	-7.53	-7.53		-1.94
UNII7	802.11n20	HT8	181	6855	NA	MIMO A	-10.04	-10.04		-4.45
UNII7	802.11n20	HT8	181	6855	NA	MIMO B	-10.62	-10.62		-5.03
UNII7	802.11n20	HT8	181	6855	NA	Combined A+B	-7.31	-7.31		-1.72
UNII7	802.11n40	HT0	115	6525	NA	SISO A	-7.32	-7.32		-1.73
UNII7	802.11n40	HT0	115	6525	NA	SISO B	-7.07	-7.07		-1.48
UNII7	802.11n40	HT0	147	6685	NA	SISO A	-7.15	-7.15		-1.56
UNII7	802.11n40	HT0	147	6685	NA	SISO B	-7.58	-7.58		-1.99
UNII7	802.11n40	HT0	179	6845	NA	SISO A	-7.20	-7.20	5.59	-1.61
UNII7	802.11n40	HT0	179	6845	NA	SISO B	-6.99	-6.99		-1.40
UNII7	802.11n40	HT8	115	6525	NA	MIMO A	-10.02	-10.02		-4.43
UNII7	802.11n40	HT8	115	6525	NA	MIMO B	-9.95	-9.95		-4.36
UNII7	802.11n40	HT8	115	6525	NA	Combined A+B	-6.97	-6.97		-1.38
UNII7	802.11n40	HT8	147	6685	NA	MIMO A	-10.14	-10.14		-4.55
UNII7	802.11n40	HT8	147	6685	NA	MIMO B	-10.58	-10.58		-4.99
UNII7	802.11n40	HT8	147	6685	NA	Combined A+B	-7.34	-7.34		-1.75
UNII7	802.11n40	HT8	179	6845	NA	MIMO A	-10.17	-10.17		-4.58
UNII7	802.11n40	HT8	179	6845	NA	MIMO B	-10.70	-10.70		-5.11
UNII7	802.11n40	HT8	179	6845	NA	Combined A+B	-7.42	-7.42		-1.83
UNII7	802.11ac80	VHT0	135	6625	NA	SISO A	-7.24	-7.24		-1.65
UNII7	802.11ac80	VHT0	135	6625	NA	SISO B	-7.02	-7.02		-1.43
UNII7	802.11ac80	VHT0	135	6625	NA	MIMO A	-10.41	-10.41		-4.82
UNII7	802.11ac80	VHT0	135	6625	NA	MIMO B	-10.68	-10.68		-5.09
UNII7	802.11ac80	VHT0	135	6625	NA	Combined A+B	-7.53	-7.53		-1.94
UNII7	802.11ac80	VHT0	167	6785	NA	SISO A	-7.19	-7.19		-1.60
UNII7	802.11ac80	VHT0	167	6785	NA	SISO B	-7.18	-7.18		-1.59
UNII7	802.11ac80	VHT0	167	6785	NA	MIMO A	-10.29	-10.29		-4.70
UNII7	802.11ac80	VHT0	167	6785	NA	MIMO B	-10.56	-10.56		-4.97
UNII7	802.11ac80	VHT0	167	6785	NA	Combined A+B	-7.41	-7.41		-1.82
UNII7	802.11ac160	VHT0	143	6665	NA	SISO A	-7.48	-7.48		-1.89
UNII7	802.11ac160	VHT0	143	6665	NA	SISO B	-7.51	-7.51		-1.92
UNII7	802.11ac160	VHT0	143	6665	NA	MIMO A	-10.74	-10.74		-5.15
UNII7	802.11ac160	VHT0	143	6665	NA	MIMO B	-10.73	-10.73		-5.14
UNII7	802.11ac160	VHT0	143	6665	NA	Combined A+B	-7.72	-7.72		-2.13

(1) Value compensated with the duty cycle

UNII	Mode_BW	Rate	Channel	Freq. [MHz]	RU config.	Antenna	PSD [dBm/MHz]	Max(1) PSD [dBm/MHz]	Antenna Gain (dBi)	Max(1) PSD EIRP [dBm/MHz]
UNII7	802.11ax20	HE0	117	6535	FullBW	SISO A	-7.15	-7.15		-1.56
UNII7	802.11ax20	HE0	117	6535	FullBW	SISO B	-7.46	-7.46		-1.87
UNII7	802.11ax20	HE0	117	6535	FullBW	MIMO A	-10.61	-10.61		-5.02
UNII7	802.11ax20	HE0	117	6535	FullBW	MIMO B	-10.74	-10.74		-5.15
UNII7	802.11ax20	HE0	117	6535	FullBW	Combined A+B	-7.66	-7.66		-2.07
UNII7	802.11ax20	HE0	149	6695	FullBW	SISO A	-7.84	-7.84		-2.25
UNII7	802.11ax20	HE0	149	6695	FullBW	SISO B	-7.55	-7.55		-1.96
UNII7	802.11ax20	HE0	149	6695	FullBW	MIMO A	-10.49	-10.49		-4.90
UNII7	802.11ax20	HE0	149	6695	FullBW	MIMO B	-10.62	-10.62		-5.03
UNII7	802.11ax20	HE0	149	6695	FullBW	Combined A+B	-7.54	-7.54		-1.95
UNII7	802.11ax20	HE0	181	6855	FullBW	SISO A	-7.55	-7.55		-1.96
UNII7	802.11ax20	HE0	181	6855	FullBW	SISO B	-7.03	-7.03		-1.44
UNII7	802.11ax20	HE0	181	6855	FullBW	MIMO A	-10.05	-10.05		-4.46
UNII7	802.11ax20	HE0	181	6855	FullBW	MIMO B	-10.71	-10.71		-5.12
UNII7	802.11ax20	HE0	181	6855	FullBW	Combined A+B	-7.36	-7.36		-1.77
UNII7	802.11ax40	HE0	115	6525	FullBW	SISO A	-7.42	-7.42		-1.83
UNII7	802.11ax40	HE0	115	6525	FullBW	SISO B	-6.78	-6.78		-1.19
UNII7	802.11ax40	HE0	115	6525	FullBW	MIMO A	-10.39	-10.39		-4.80
UNII7	802.11ax40	HE0	115	6525	FullBW	MIMO B	-10.52	-10.52		-4.93
UNII7	802.11ax40	HE0	115	6525	FullBW	Combined A+B	-7.44	-7.44		-1.85
UNII7	802.11ax40	HE0	147	6685	FullBW	SISO A	-7.14	-7.14		-1.55
UNII7	802.11ax40	HE0	147	6685	FullBW	SISO B	-7.29	-7.29		-1.70
UNII7	802.11ax40	HE0	147	6685	FullBW	MIMO A	-10.55	-10.55	5.59	-4.96
UNII7	802.11ax40	HE0	147	6685	FullBW	MIMO B	-10.70	-10.70		-5.11
UNII7	802.11ax40	HE0	147	6685	FullBW	Combined A+B	-7.61	-7.61		-2.02
UNII7	802.11ax40	HE0	179	6845	FullBW	SISO A	-7.08	-7.08		-1.49
UNII7	802.11ax40	HE0	179	6845	FullBW	SISO B	-6.94	-6.94		-1.35
UNII7	802.11ax40	HE0	179	6845	FullBW	MIMO A	-10.24	-10.24		-4.65
UNII7	802.11ax40	HE0	179	6845	FullBW	MIMO B	-10.93	-10.93		-5.34
UNII7	802.11ax40	HE0	179	6845	FullBW	Combined A+B	-7.56	-7.56		-1.97
UNII7	802.11ax80	HE0	135	6625	FullBW	SISO A	-7.01	-7.01		-1.42
UNII7	802.11ax80	HE0	135	6625	FullBW	SISO B	-6.97	-6.97		-1.38
UNII7	802.11ax80	HE0	135	6625	FullBW	MIMO A	-10.07	-10.07		-4.48
UNII7	802.11ax80	HE0	135	6625	FullBW	MIMO B	-10.39	-10.39		-4.80
UNII7	802.11ax80	HE0	135	6625	FullBW	Combined A+B	-7.22	-7.22		-1.63
UNII7	802.11ax80	HE0	167	6785	FullBW	SISO A	-7.23	-7.23		-1.64
UNII7	802.11ax80	HE0	167	6785	FullBW	SISO B	-7.07	-7.07		-1.48
UNII7	802.11ax80	HE0	167	6785	FullBW	MIMO A	-9.92	-9.92		-4.33
UNII7	802.11ax80	HE0	167	6785	FullBW	MIMO B	-10.11	-10.11		-4.52
UNII7	802.11ax80	HE0	167	6785	FullBW	Combined A+B	-7.00	-7.00		-1.41
UNII7	802.11ax160	HE0	143	6665	FullBW	SISO A	-7.66	-7.66		-2.07
UNII7	802.11ax160	HE0	143	6665	FullBW	SISO B	-7.65	-7.65		-2.06
UNII7	802.11ax160	HE0	143	6665	FullBW	MIMO A	-10.22	-10.22		-4.63
UNII7	802.11ax160	HE0	143	6665	FullBW	MIMO B	-10.38	-10.38		-4.79
UNII7	802.11ax160	HE0	143	6665	FullBW	Combined A+B	-7.29	-7.29		-1.70

(1) Value compensated with the duty cycle

UNII8

UNII	Mode_BW	Rate	Channel	Freq. [MHz]	RU config.	Antenna	PSD [dBm/MHz]	Max(1) PSD [dBm/MHz]	Antenna Gain (dBi)	Max(1) PSD EIRP [dBm/MHz]
UNII8	802.11a20	6Mbps	185	6875	NA	SISO A	-7.15	-7.15	5.59	-1.56
UNII8	802.11a20	6Mbps	185	6875	NA	SISO B	-6.72	-6.72		-1.13
UNII8	802.11a20	6Mbps	209	6995	NA	SISO A	-7.36	-7.36		-1.77
UNII8	802.11a20	6Mbps	209	6995	NA	SISO B	-7.79	-7.79		-2.20
UNII8	802.11a20	6Mbps	229	7095	NA	SISO A	-7.20	-7.20		-1.61
UNII8	802.11a20	6Mbps	229	7095	NA	SISO B	-7.77	-7.77		-2.18
UNII8	802.11a20	6Mbps	233	7115	NA	SISO A	-10.01	-10.01		-4.42
UNII8	802.11a20	6Mbps	233	7115	NA	SISO B	-10.84	-10.84		-5.25
UNII8	802.11n20	HT0	185	6875	NA	SISO A	-6.99	-6.99		-1.40
UNII8	802.11n20	HT0	185	6875	NA	SISO B	-6.97	-6.97		-1.38
UNII8	802.11n20	HT0	209	6995	NA	SISO A	-7.37	-7.37		-1.78
UNII8	802.11n20	HT0	209	6995	NA	SISO B	-7.98	-7.98		-2.39
UNII8	802.11n20	HT0	229	7095	NA	SISO A	-7.27	-7.27		-1.68
UNII8	802.11n20	HT0	229	7095	NA	SISO B	-7.53	-7.53		-1.94
UNII8	802.11n20	HT0	233	7115	NA	SISO A	-11.20	-11.20		-5.61
UNII8	802.11n20	HT0	233	7115	NA	SISO B	-11.50	-11.50		-5.91
UNII8	802.11n20	HT8	185	6875	NA	MIMO A	-9.86	-9.86		-4.27
UNII8	802.11n20	HT8	185	6875	NA	MIMO B	-10.82	-10.82		-5.23
UNII8	802.11n20	HT8	185	6875	NA	Combined A+B	-7.30	-7.30		-1.71
UNII8	802.11n20	HT8	209	6995	NA	MIMO A	-10.29	-10.29		-4.70
UNII8	802.11n20	HT8	209	6995	NA	MIMO B	-11.25	-11.25		-5.66
UNII8	802.11n20	HT8	209	6995	NA	Combined A+B	-7.73	-7.73		-2.14
UNII8	802.11n20	HT8	229	7095	NA	MIMO A	-10.18	-10.18		-4.59
UNII8	802.11n20	HT8	229	7095	NA	MIMO B	-11.33	-11.33		-5.74
UNII8	802.11n20	HT8	229	7095	NA	Combined A+B	-7.71	-7.71		-2.12
UNII8	802.11n20	HT8	233	7115	NA	MIMO A	-13.64	-13.64		-8.05
UNII8	802.11n20	HT8	233	7115	NA	MIMO B	-14.07	-14.07		-8.48
UNII8	802.11n20	HT8	233	7115	NA	Combined A+B	-10.84	-10.84		-5.25
UNII8	802.11n40	HT0	187	6885	NA	SISO A	-7.27	-7.27		-1.68
UNII8	802.11n40	HT0	187	6885	NA	SISO B	-6.89	-6.89		-1.30
UNII8	802.11n40	HT0	227	7085	NA	SISO A	-7.25	-7.25		-1.66
UNII8	802.11n40	HT0	227	7085	NA	SISO B	-7.53	-7.53		-1.94
UNII8	802.11n40	HT8	187	6885	NA	MIMO A	-9.86	-9.86		-4.27
UNII8	802.11n40	HT8	187	6885	NA	MIMO B	-10.44	-10.44		-4.85
UNII8	802.11n40	HT8	187	6885	NA	Combined A+B	-7.13	-7.13		-1.54
UNII8	802.11n40	HT8	227	7085	NA	MIMO A	-10.08	-10.08		-4.49
UNII8	802.11n40	HT8	227	7085	NA	MIMO B	-10.63	-10.63		-5.04
UNII8	802.11n40	HT8	227	7085	NA	Combined A+B	-7.34	-7.34		-1.75
UNII8	802.11ac80	VHT0	183	6865	NA	SISO A	-7.37	-7.37		-1.78
UNII8	802.11ac80	VHT0	183	6865	NA	SISO B	-7.85	-7.85		-2.26
UNII8	802.11ac80	VHT0	183	6865	NA	MIMO A	-10.35	-10.35		-4.76
UNII8	802.11ac80	VHT0	183	6865	NA	MIMO B	-11.20	-11.20		-5.61
UNII8	802.11ac80	VHT0	183	6865	NA	Combined A+B	-7.74	-7.74		-2.15
UNII8	802.11ac80	VHT0	199	6945	NA	SISO A	-7.40	-7.40		-1.81
UNII8	802.11ac80	VHT0	199	6945	NA	SISO B	-7.73	-7.73		-2.14
UNII8	802.11ac80	VHT0	199	6945	NA	MIMO A	-10.90	-10.90		-5.31
UNII8	802.11ac80	VHT0	199	6945	NA	MIMO B	-11.27	-11.27		-5.68
UNII8	802.11ac80	VHT0	199	6945	NA	Combined A+B	-8.07	-8.07		-2.48
UNII8	802.11ac80	VHT0	215	7025	NA	SISO A	-7.39	-7.39		-1.80
UNII8	802.11ac80	VHT0	215	7025	NA	SISO B	-7.01	-7.01		-1.42
UNII8	802.11ac80	VHT0	215	7025	NA	MIMO A	-10.69	-10.69		-5.10
UNII8	802.11ac80	VHT0	215	7025	NA	MIMO B	-11.08	-11.08		-5.49
UNII8	802.11ac80	VHT0	215	7025	NA	Combined A+B	-7.87	-7.87		-2.28
UNII8	802.11ac160	VHT0	207	6985	NA	SISO A	-7.11	-7.11		-1.52
UNII8	802.11ac160	VHT0	207	6985	NA	SISO B	-8.85	-8.85		-3.26
UNII8	802.11ac160	VHT0	207	6985	NA	MIMO A	-10.46	-10.46		-4.87
UNII8	802.11ac160	VHT0	207	6985	NA	MIMO B	-10.94	-10.94		-5.35
UNII8	802.11ac160	VHT0	207	6985	NA	Combined A+B	-7.68	-7.68		-2.09

(1) Value compensated with the duty cycle

UNII	Mode_BW	Rate	Channel	Freq. [MHz]	RU config.	Antenna	PSD [dBm/MHz]	Max(1) PSD [dBm/MHz]	Antenna Gain (dBi)	Max(1) PSD EIRP [dBm/MHz]
UNII8	802.11ax20	HE0	185	6875	FullBW	SISO A	-7.15	-7.15	5.59	-1.56
UNII8	802.11ax20	HE0	185	6875	FullBW	SISO B	-7.05	-7.05		-1.46
UNII8	802.11ax20	HE0	185	6875	FullBW	MIMO A	-10.38	-10.38		-4.79
UNII8	802.11ax20	HE0	185	6875	FullBW	MIMO B	-10.10	-10.10		-4.51
UNII8	802.11ax20	HE0	185	6875	FullBW	Combined A+B	-7.23	-7.23		-1.64
UNII8	802.11ax20	HE0	209	6995	FullBW	SISO A	-7.17	-7.17		-1.58
UNII8	802.11ax20	HE0	209	6995	FullBW	SISO B	-7.08	-7.08		-1.49
UNII8	802.11ax20	HE0	209	6995	FullBW	MIMO A	-10.69	-10.69		-5.10
UNII8	802.11ax20	HE0	209	6995	FullBW	MIMO B	-10.82	-10.82		-5.23
UNII8	802.11ax20	HE0	209	6995	FullBW	Combined A+B	-7.74	-7.74		-2.15
UNII8	802.11ax20	HE0	229	7095	FullBW	SISO A	-7.22	-7.22		-1.63
UNII8	802.11ax20	HE0	229	7095	FullBW	SISO B	-7.12	-7.12		-1.53
UNII8	802.11ax20	HE0	229	7095	FullBW	MIMO A	-10.36	-10.36		-4.77
UNII8	802.11ax20	HE0	229	7095	FullBW	MIMO B	-10.95	-10.95		-5.36
UNII8	802.11ax20	HE0	229	7095	FullBW	Combined A+B	-7.63	-7.63		-2.04
UNII8	802.11ax20	HE0	233	7115	FullBW	SISO A	-11.29	-11.29		-5.70
UNII8	802.11ax20	HE0	233	7115	FullBW	SISO B	-11.69	-11.69		-6.10
UNII8	802.11ax20	HE0	233	7115	FullBW	MIMO A	-14.38	-14.38		-8.79
UNII8	802.11ax20	HE0	233	7115	FullBW	MIMO B	-14.47	-14.47		-8.88
UNII8	802.11ax20	HE0	233	7115	FullBW	Combined A+B	-11.41	-11.41		-5.82
UNII8	802.11ax40	HE0	187	6885	FullBW	SISO A	-7.03	-7.03		-1.44
UNII8	802.11ax40	HE0	187	6885	FullBW	SISO B	-7.41	-7.41		-1.82
UNII8	802.11ax40	HE0	187	6885	FullBW	MIMO A	-10.30	-10.30		-4.71
UNII8	802.11ax40	HE0	187	6885	FullBW	MIMO B	-10.84	-10.84		-5.25
UNII8	802.11ax40	HE0	187	6885	FullBW	Combined A+B	-7.55	-7.55		-1.96
UNII8	802.11ax40	HE0	227	7085	FullBW	SISO A	-7.09	-7.09		-1.50
UNII8	802.11ax40	HE0	227	7085	FullBW	SISO B	-6.89	-6.89		-1.30
UNII8	802.11ax40	HE0	227	7085	FullBW	MIMO A	-10.62	-10.62		-5.03
UNII8	802.11ax40	HE0	227	7085	FullBW	MIMO B	-11.06	-11.06		-5.47
UNII8	802.11ax40	HE0	227	7085	FullBW	Combined A+B	-7.82	-7.82		-2.23
UNII8	802.11ax80	HE0	183	6865	FullBW	SISO A	-7.36	-7.36		-1.77
UNII8	802.11ax80	HE0	183	6865	FullBW	SISO B	-7.42	-7.42		-1.83
UNII8	802.11ax80	HE0	183	6865	FullBW	MIMO A	-10.70	-10.70		-5.11
UNII8	802.11ax80	HE0	183	6865	FullBW	MIMO B	-11.40	-11.40		-5.81
UNII8	802.11ax80	HE0	183	6865	FullBW	Combined A+B	-8.03	-8.03		-2.44
UNII8	802.11ax80	HE0	199	6945	FullBW	SISO A	-7.31	-7.31		-1.72
UNII8	802.11ax80	HE0	199	6945	FullBW	SISO B	-7.57	-7.57		-1.98
UNII8	802.11ax80	HE0	199	6945	FullBW	MIMO A	-10.14	-10.14		-4.55
UNII8	802.11ax80	HE0	199	6945	FullBW	MIMO B	-10.74	-10.74		-5.15
UNII8	802.11ax80	HE0	199	6945	FullBW	Combined A+B	-7.42	-7.42		-1.83
UNII8	802.11ax80	HE0	215	7025	FullBW	SISO A	-7.33	-7.33		-1.74
UNII8	802.11ax80	HE0	215	7025	FullBW	SISO B	-7.70	-7.70		-2.11
UNII8	802.11ax80	HE0	215	7025	FullBW	MIMO A	-10.05	-10.05		-4.46
UNII8	802.11ax80	HE0	215	7025	FullBW	MIMO B	-10.38	-10.38		-4.79
UNII8	802.11ax80	HE0	215	7025	FullBW	Combined A+B	-7.20	-7.20		-1.61
UNII8	802.11ax160	HE0	207	6985	FullBW	SISO A	-7.20	-7.20		-1.61
UNII8	802.11ax160	HE0	207	6985	FullBW	SISO B	-8.63	-8.63		-3.04
UNII8	802.11ax160	HE0	207	6985	FullBW	MIMO A	-10.21	-10.21		-4.62
UNII8	802.11ax160	HE0	207	6985	FullBW	MIMO B	-11.16	-11.16		-5.57
UNII8	802.11ax160	HE0	207	6985	FullBW	Combined A+B	-7.65	-7.65		-2.06

(1) Value compensated with the duty cycle

B.2.3 Emissions mask

Test limits

FCC part	Limits
15.407 (b) (6)	For transmitters operating within the 5.925-7.125 GHz bands: Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB.

Test procedure

The conducted setup shown in section *Test & System Description* was used to measure the unwanted mask emissions. The antenna terminal of the EUT is connected to the spectrum analyzer through an attenuator, and the spectrum analyzer reading is compensated to include the RF path loss and the declared antenna gain.

Note: The nominal bandwidth was used to construct the mask as it is stringent than the 26dB emission bandwidth.

See Section C.1.3 for the screenshot results.

B.2.4 Contention-based protocol

Test limits

Indoor access points, subordinate devices and client devices operating in the 5.925-7.125 GHz band are required to use technologies that include a contention-based protocol to avoid co-channel interference with incumbent devices sharing the band. To ensure incumbent co-channel operations are detected in a technology-agnostic manner, unlicensed devices are required to detect co-channel radio frequency energy (energy detect) and avoid simultaneous transmission.
Unlicensed indoor low-power devices must detect co-channel radio frequency power that is at least -62 dBm or lower. Upon detection of energy in the band, unlicensed low power indoor devices must vacate the channel and stay off the channel as long as detected radio frequency power is equal to or greater than the threshold (-62 dBm).

Test procedure

The contention-based protocol setup shown in section *Test & System Description* was used to measure the contention-based protocol. The EUT ceased transmission when the AWGN source signal level described in table result below is set to transmit.
Incumbent signal is emulated by using a 10MHz bandwidth AWGN source generated by the vector signal generator. The EUT is transmitting at the maximum possible payload and the spectrum analyzer monitors the transmissions in response to the AWGN signal. Insertion loss of the test setup were considered on the spectrum analyser reading.

Result Tables

Contention-based Protocol Threshold minimum level

UNII	Channel	Bandwidth [MHz]	EUT Freq [MHz] f_{c1}	Incumbent Placement/Frequency [MHz] f_{c2}		Threshold level of AWGN incumbent (dBm) at antenna level*see note below	Status of EUT transmision
5	45	20	6175	$f_{c1} = f_{c2}$	6175	**-62**	**Ceased**
						-63	Minimal
						-64	Minimal
						-65	Normal
6	105	20	6475	$f_{c1} = f_{c2}$	6475	**-62**	**Ceased**
						-63	Minimal
						-64	Minimal
						-65	Normal
7	149	20	6695	$f_{c1} = f_{c2}$	6695	**-62**	**Ceased**
						-63	Minimal
						-64	Minimal
						-65	Normal
8	209	20	6995	$f_{c1} = f_{c2}$	6995	**-62**	**Ceased**
						-63	Minimal
						-64	Minimal
						-65	Normal
5	15	160	6025	Lower Edge	5950	**-62**	**Ceased**
						-63	Minimal
						-64	Minimal
						-65	Normal
				$f_{c1} = f_{c2}$	6025	**-74**	**Ceased**
						-75	Minimal
						-76	Normal
				Upper edge	6100	**-72**	**Ceased**
						-73	Minimal
						-74	Normal
6-7	111	160	6505	Lower Edge	6430	**-62**	**Ceased**
						-63	Minimal
						-64	Normal

				$f_{c1} = f_{c2}$	6505	**-74**	**Ceased**
						-75	Minimal
						-76	Normal
				Upper edge	6580	**-71**	**Ceased**
						-72	Minimal
						-73	Normal
7	143	160	6665	Lower Edge	6590	**-62**	**Ceased**
						-63	Minimal
						-64	Normal
				$f_{c1} = f_{c2}$	6665	**-74**	**Ceased**
						-75	Minimal
						-76	Normal
				Upper edge	6740	**-69**	**Ceased**
						-70	Minimal
						-71	Normal
8	207	160	6985	Lower Edge	6910	**-62**	**Ceased**
						-63	Minimal
						-64	Normal
				$f_{c1} = f_{c2}$	6985	**-72**	**Ceased**
						-73	Minimal
						-74	Normal
				Upper edge	7060	**-70**	**Ceased**
						-71	Minimal
						-72	Normal

Note : EUT antenna gain = +5.59dBi considered in the measurement path loss.

Summary table

Bandwidth	UNII Sub-band	Channel	EUT Freq [MHz] f_{c1}	Incumbent Placement/Frequency [MHz] f_{c2}		Incumbent Threshold level of AWGN interference at antenna level (dBm)*see note below	Number of iterations	Detection Probability (%)	Limit (%)	Verdict
20MHz	5	45	6175	$f_{c1} = f_{c2}$	6175	-62	10	100	90	PASS
	6	105	6475	$f_{c1} = f_{c2}$	6475	-62	10	100	90	PASS
	7	149	6695	$f_{c1} = f_{c2}$	6695	-62	10	100	90	PASS
	8	209	6995	$f_{c1} = f_{c2}$	6995	-62	10	100	90	PASS
160MHz	5	15	6025	Lower Edge	5950	-62	10	100	90	PASS
				$f_{c1} = f_{c2}$	6025	-74	10	100	90	PASS
				Upper edge	6100	-72	10	100	90	PASS
	6-7	111	6505	Lower Edge	6430	-62	10	100	90	PASS
				$f_{c1} = f_{c2}$	6505	-74	10	100	90	PASS
				Upper edge	6580	-71	10	100	90	PASS
	7	143	6665	Lower Edge	6590	-62	10	100	90	PASS
				$f_{c1} = f_{c2}$	6665	-74	10	100	90	PASS
				Upper edge	6740	-70	10	100	90	PASS
	8	207	6985	Lower Edge	6910	-62	10	100	90	PASS
				$f_{c1} = f_{c2}$	6985	-74	10	100	90	PASS
				Upper edge	7060	-70	10	100	90	PASS

Note : EUT antenna gain = +5.59dBi considered in the measurement path loss.

See Section C.1.4 for the screenshot results.

B.2.5 Undesirable emission limits : Conducted

Test limits

FCC part	Limits
15.407 (b) (5)	For transmitters operating within the 5.925-7.125 GHz band: Any emissions outside of the 5.925-7.125 GHz band must not exceed an e.i.r.p. of −27 dBm/MHz.
15.35 (b)	Unless otherwise specified, on any frequency or frequencies above 1000 MHz, the radiated emission limits are based on the use of measurement instrumentation employing an average detector function. Unless otherwise specified, measurements above 1000 MHz shall be performed using a minimum resolution bandwidth of 1 MHz. When average radiated emission measurements are specified in this part, including average emission measurements below 1000 MHz, there also is a limit on the peak level of the radio frequency emissions. Unless otherwise specified, e.g., see §§ 15.250, 15.252, 15.253(d), 15.255, 15.256, and 15.509 through 15.519, the limit on peak radio frequency emissions is 20 dB above the maximum permitted average emission limit applicable to the equipment under test. This peak limit applies to the total peak emission level radiated by the device, e.g., the total peak power level

Test procedure

The conducted setup shown in section *Test & System Description* was used to measure undesirable emissions on the out of band domain. The antenna terminal of the EUT is connected to the spectrum analyzer through an attenuator, and the spectrum analyzer reading is compensated to include the RF path loss and the declared antenna gain.

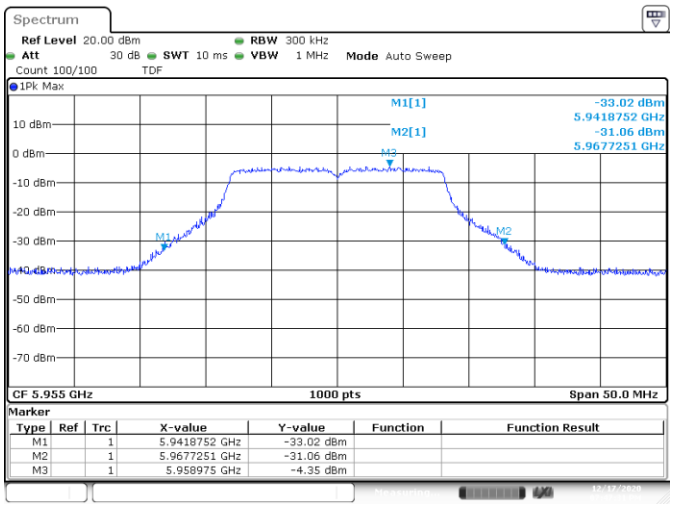
For the lower and upper side of the out of band, the integration method was used as defined in the out of band measurements section II.G.3.d of KDB 789033. Tests were performed using both RMS and peak detectors.

For out of band emission measurements in MIMO mode the emission level of individual output is adjusted by 10 log (N_{ant}) = 3dB for N_{ant} = 2 which is equivalent to compare the individual output emission level to the limit minus 3dB. The same approach is applied for peak and RMS detectors.

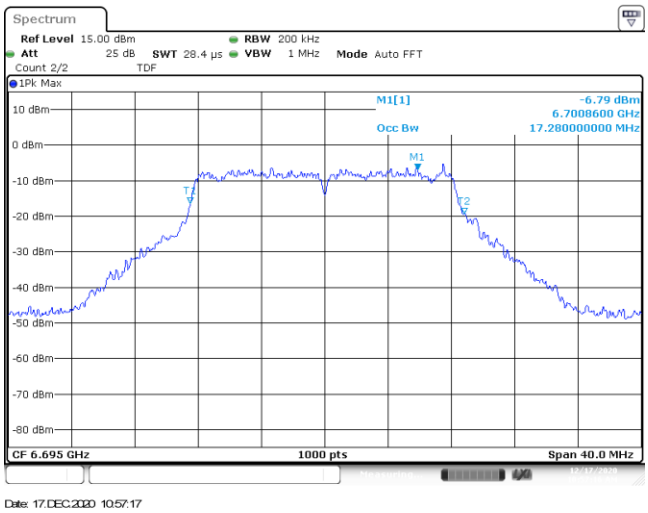
See Section C.1.5 for the screenshot results.

Annex C. System Plots

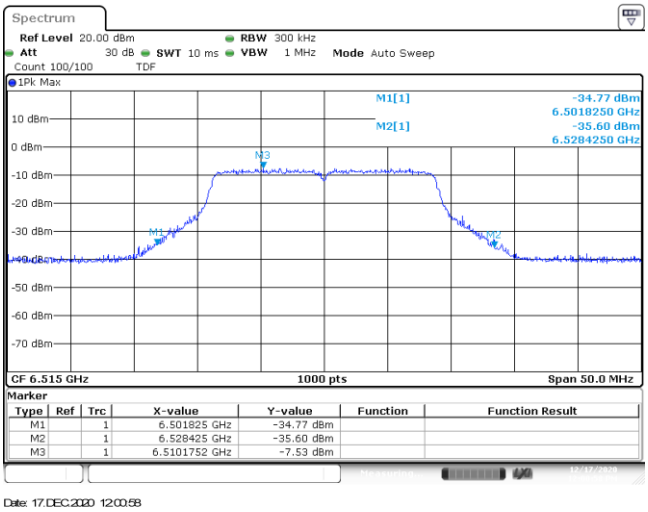
C.1.1 26dB & 99% bandwidth



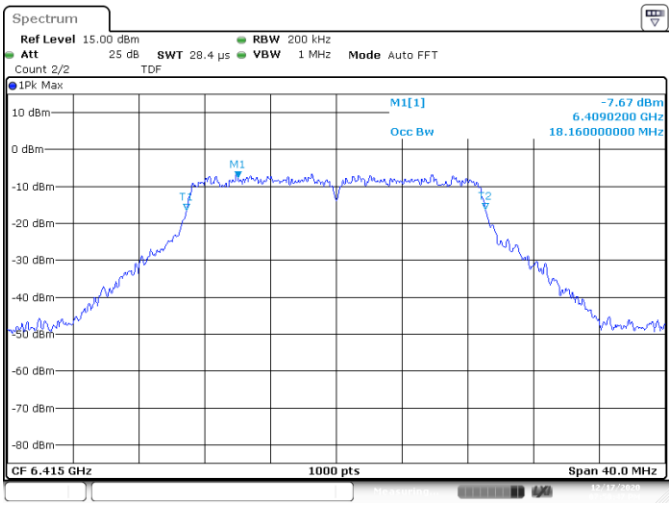
UNII5 SISO B 802.11a20 ch1 5955MHz 26dB



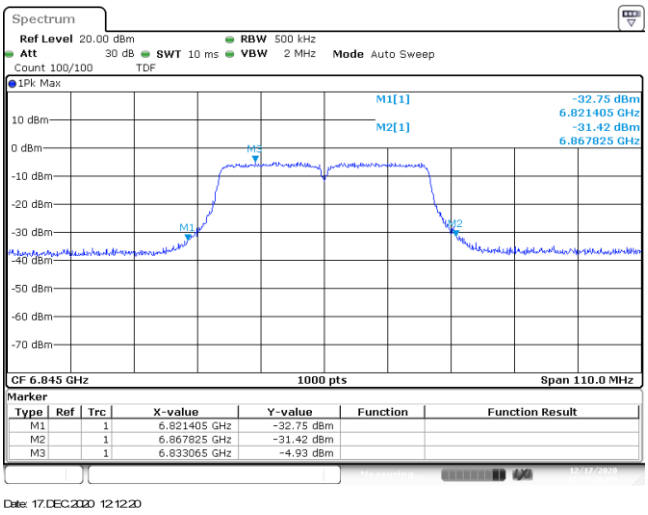
UNII7 SISO A 802.11a20 ch149 6695MHz 99%



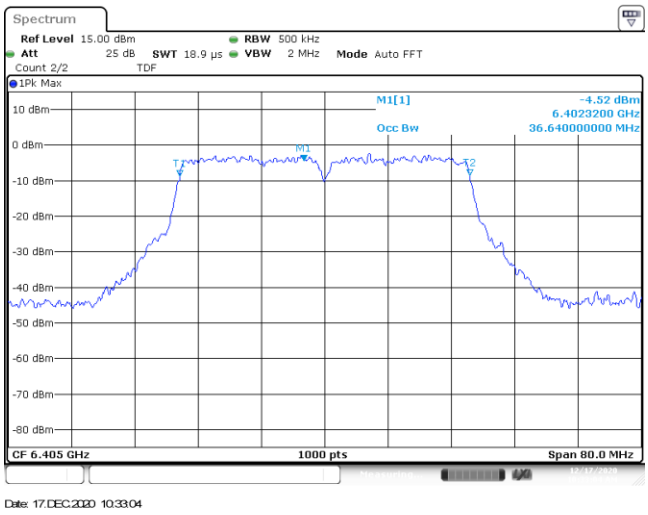
UNII6 MIMO A 802.11n20 ch113 6515MHz 26dB



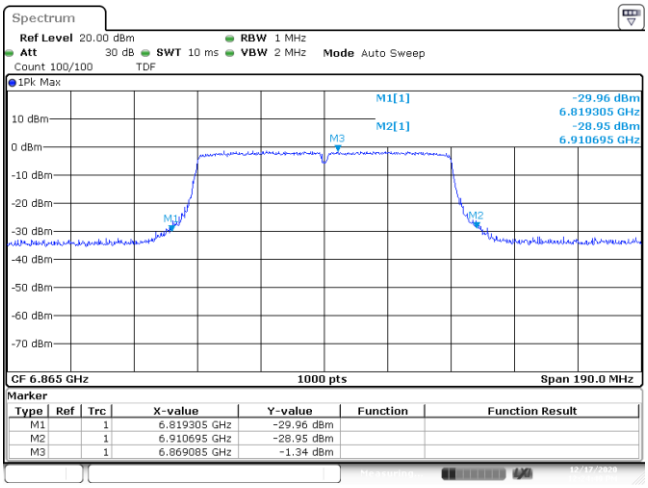
UNII5 SISO B 802.11n20 ch93 6415MHz 99%



UNII7 MIMO A 802.11n40 ch179 6845MHz 26dB



UNII5 SISO A 802.11n40 ch91 6405MHz 99%



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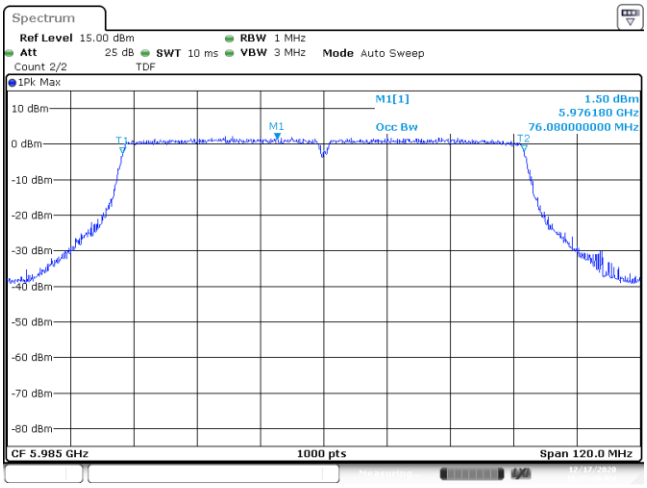
UNII8 MIMO A 802.11ac80 ch183 6885MHz 26dB



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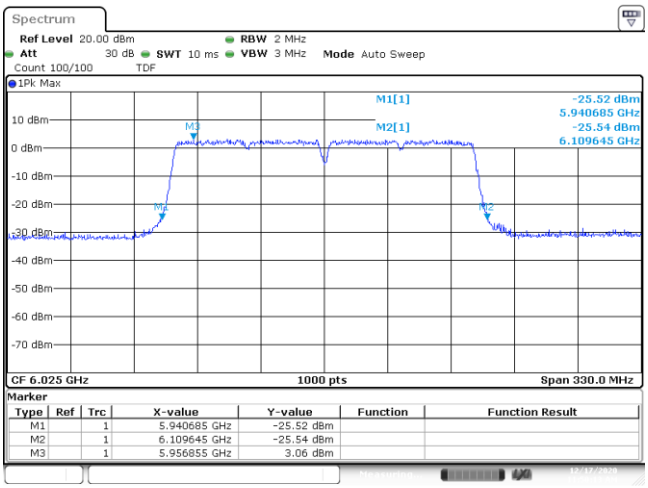
UNII5 SISO A 802.11ac80 ch7 5985MHz 99%



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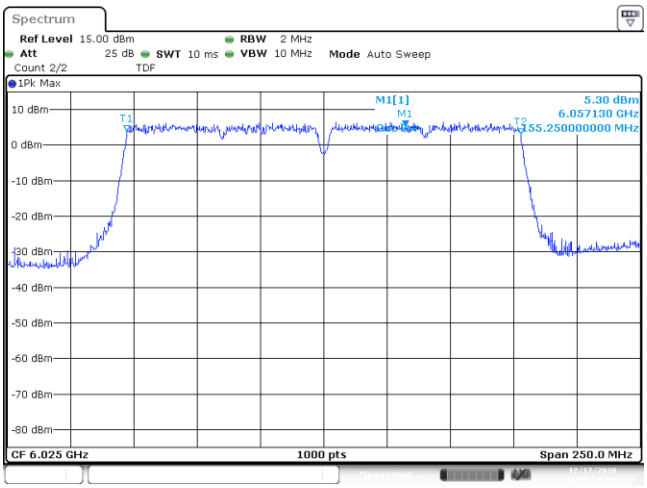
UNII5 MIMO A 802.11ac160 ch15 6025MHz 26dB



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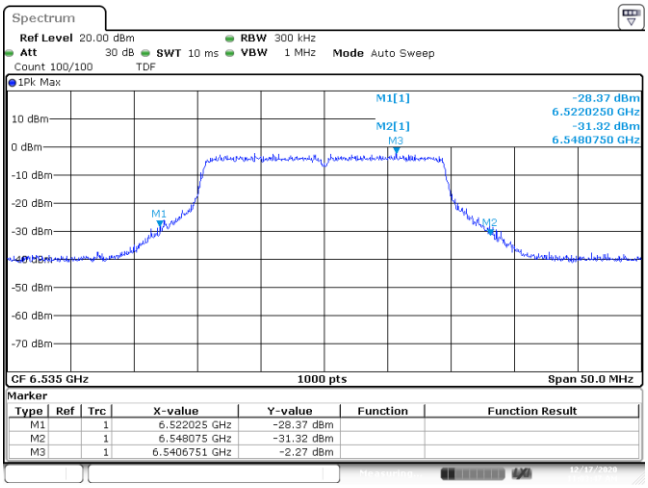
UNII5 SISO A 802.11ac160 ch15 6025MHz 99%



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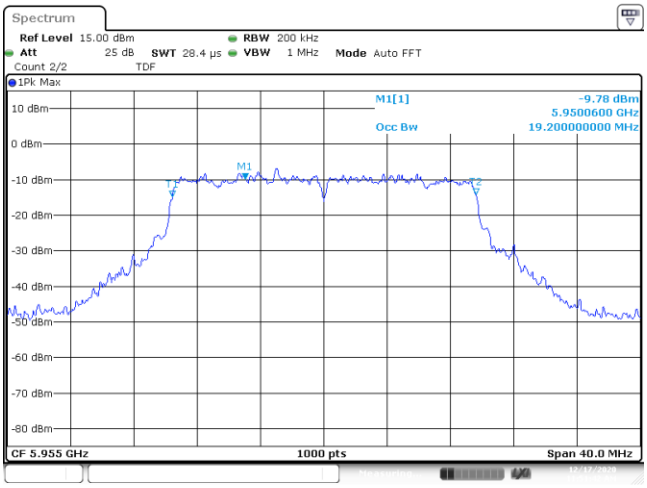
UNII7 SISO A 802.11ax20 ch117 6535MHz 26dB



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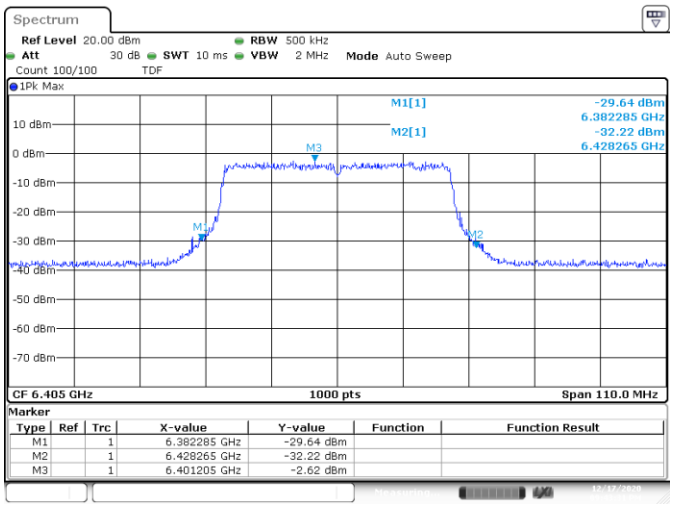
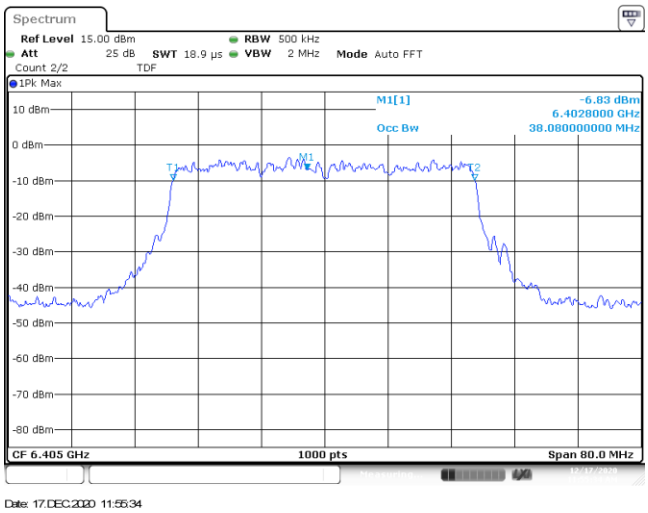
UNII5 MIMO A 802.11ax20 ch1 5955MHz 99%



UNII5 MIMO B 802.11ax40 ch91 6405MHz 26dB



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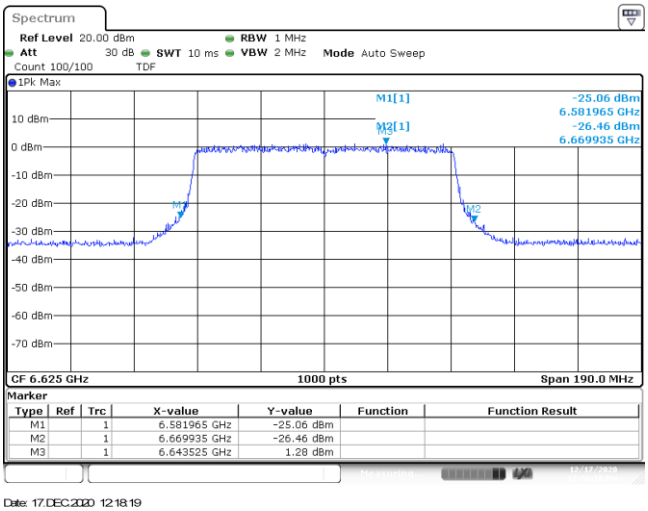
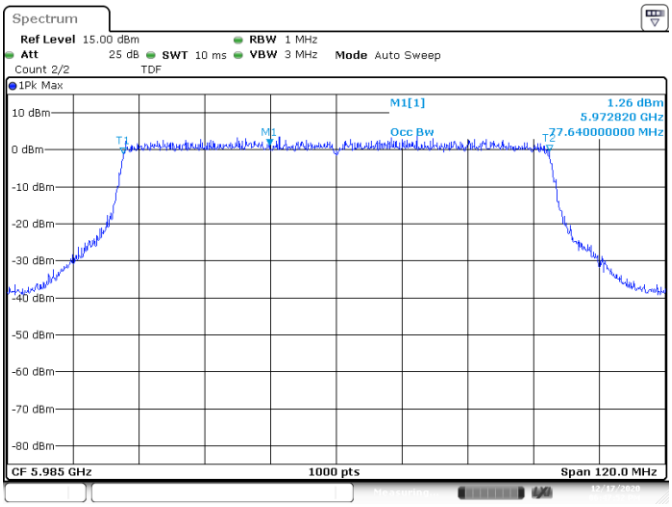


UNII7 MIMO A 802.11ax80 ch135 6625MHz 26dB



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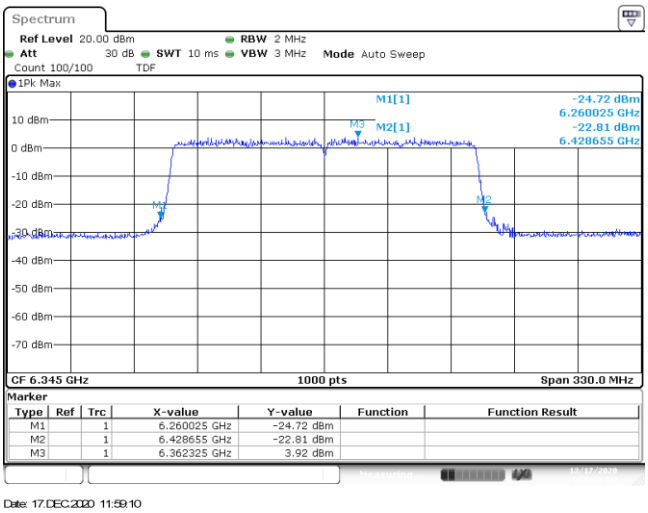
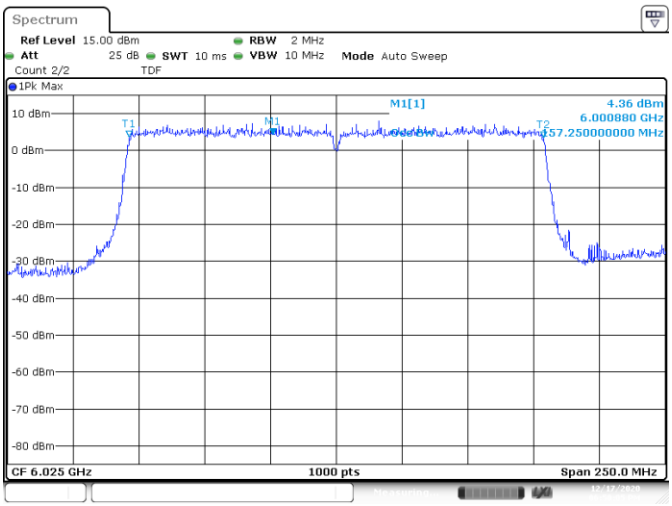


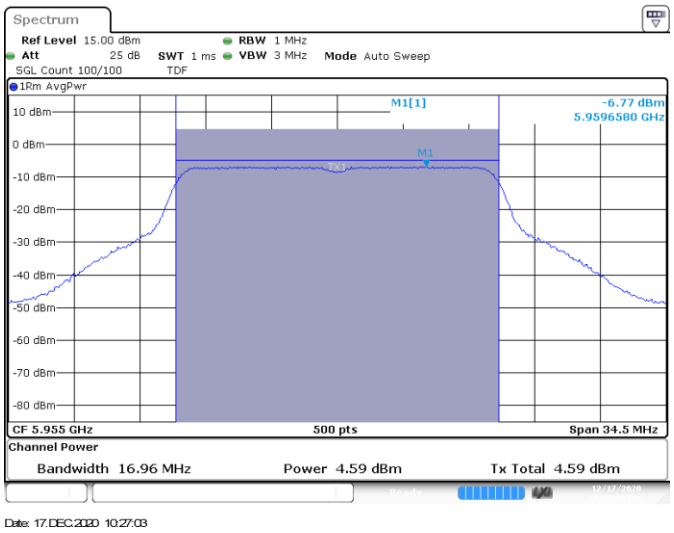
UNII5 MIMO A 802.11ax160 ch79 6345MHz 26dB



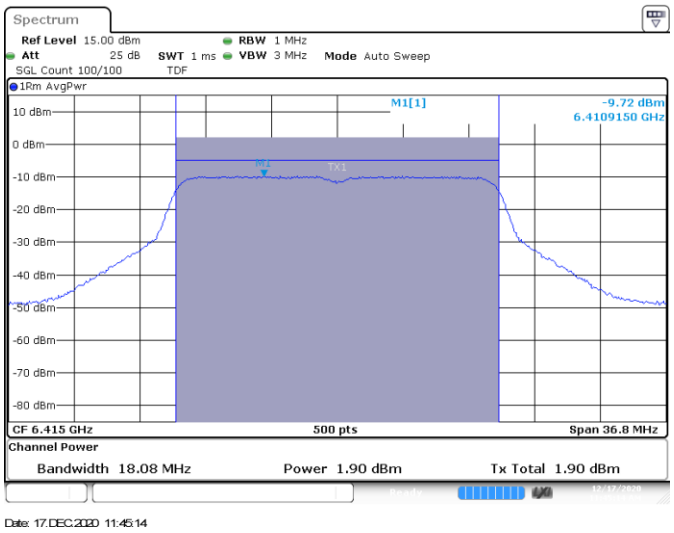
UNII5 SISO B 802.11ax160 ch15 6025MHz 99%

C.1.2 Maximum Output Power & Maximum power spectral Density

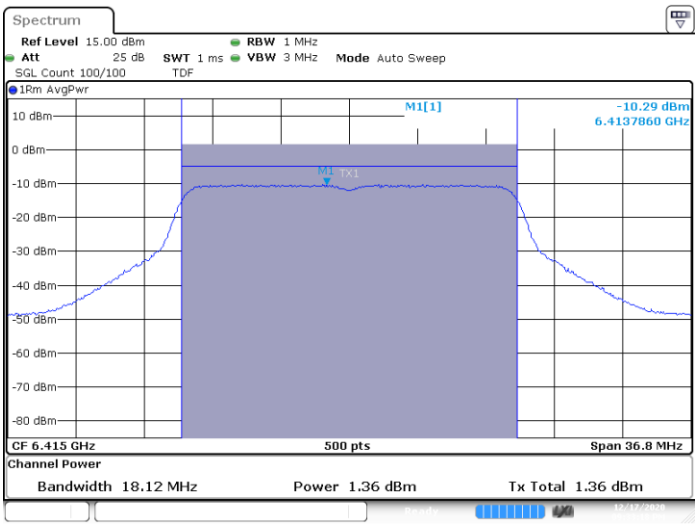
UNII5



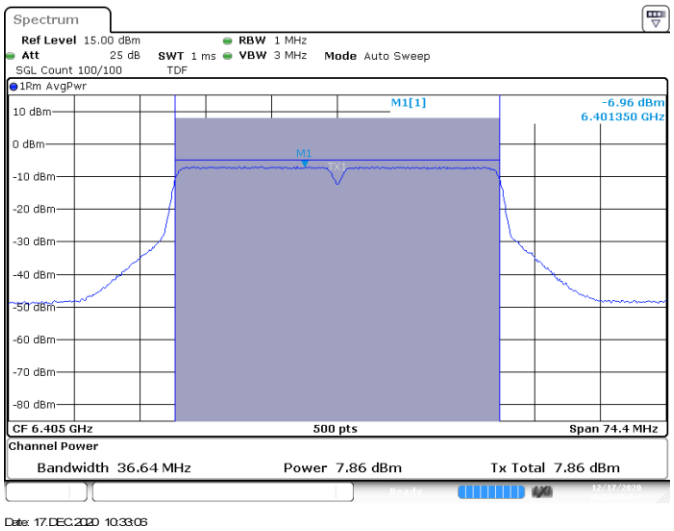
SISO A-802.11a-20MHz-Ch1-5955MHz-6



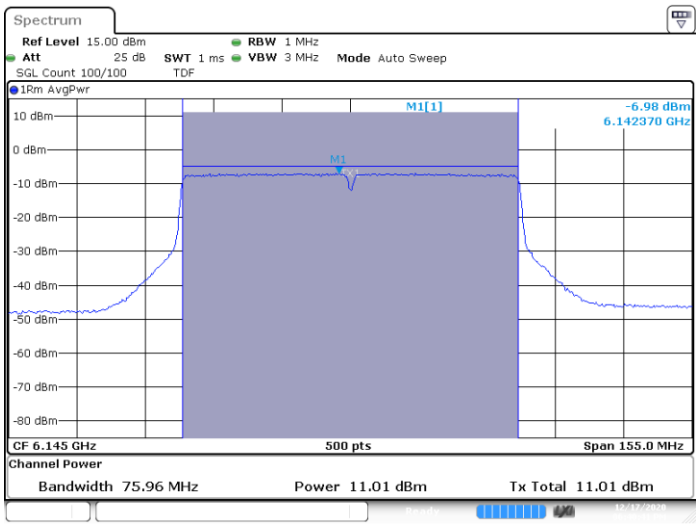
MIMO A-802.11n-20MHz-Ch93-6415MHz-HT8



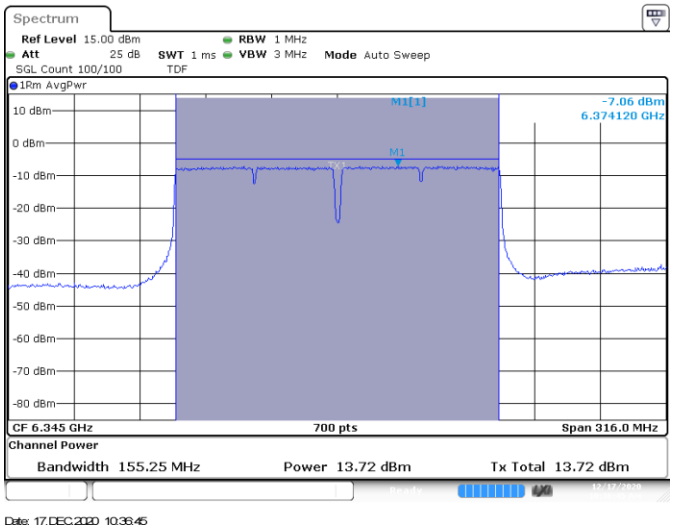
MIMO B-802.11n-20MHz-Ch93-6415MHz-HT8



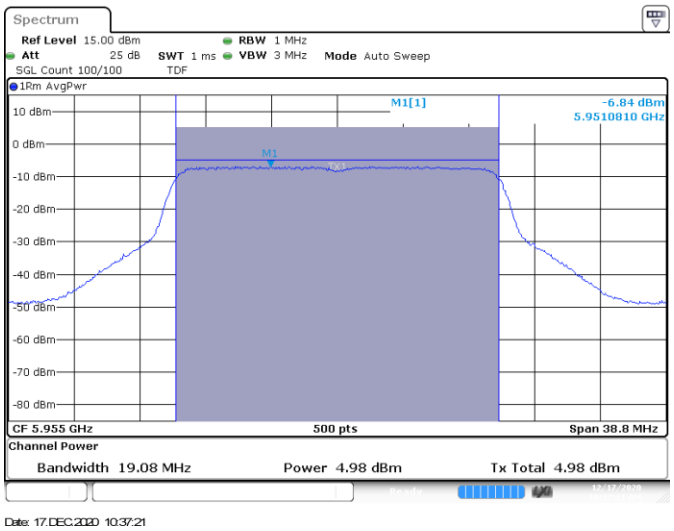
SISO A-802.11n-40MHz-Ch91-6405MHz-HT0



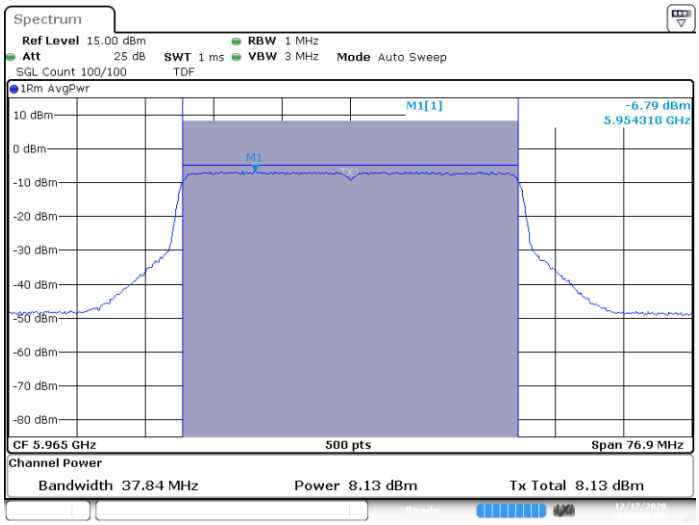
SISO B-802.11ac-80MHz-Ch39-6145MHz-VHT0



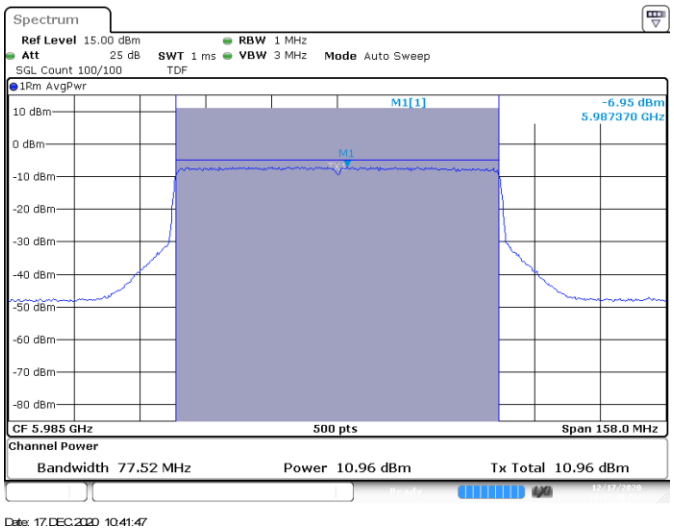
SISO A-802.11ac-160MHz-Ch79-6345MHz-VHT0



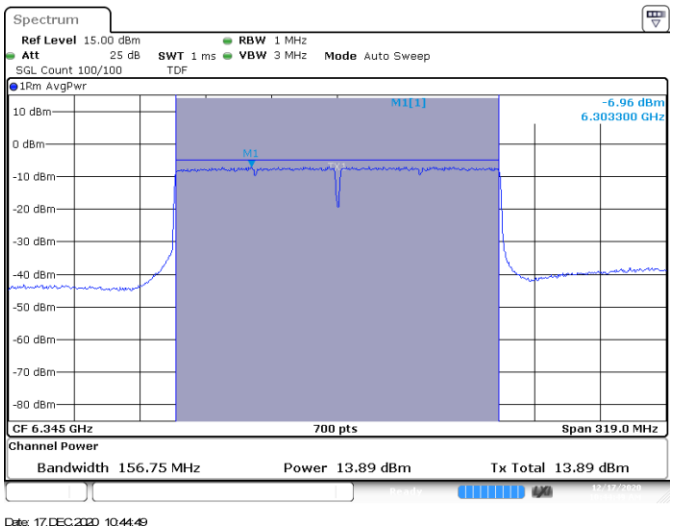
SISO A-802.11ax-20MHz-Ch1-5955MHz-HE0



SISO B-802.11ax-40MHz-Ch3-5965MHz-HE0

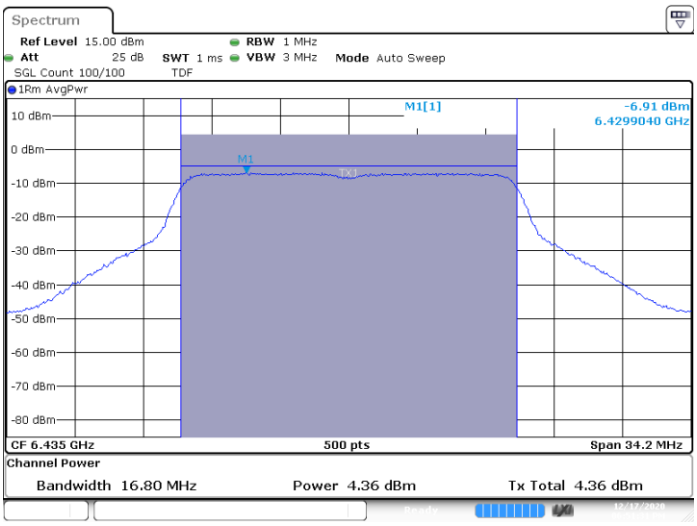


SISO A-802.11ax-80MHz-Ch7-5985MHz-HE0

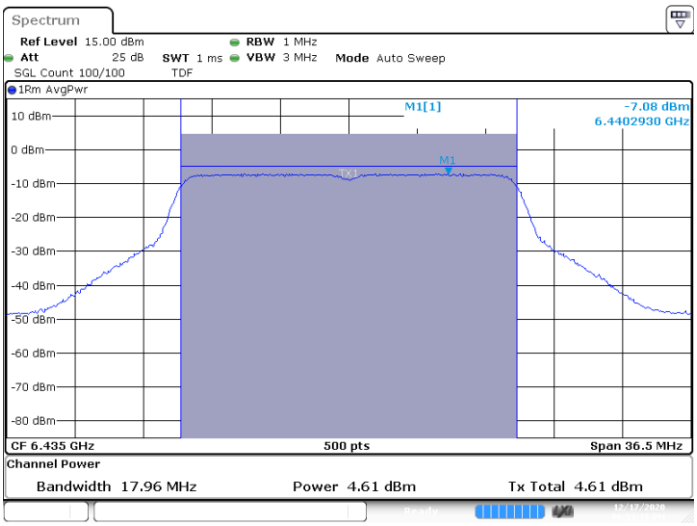


SISO A-802.11ax-160MHz-Ch79-6345MHz-HE0

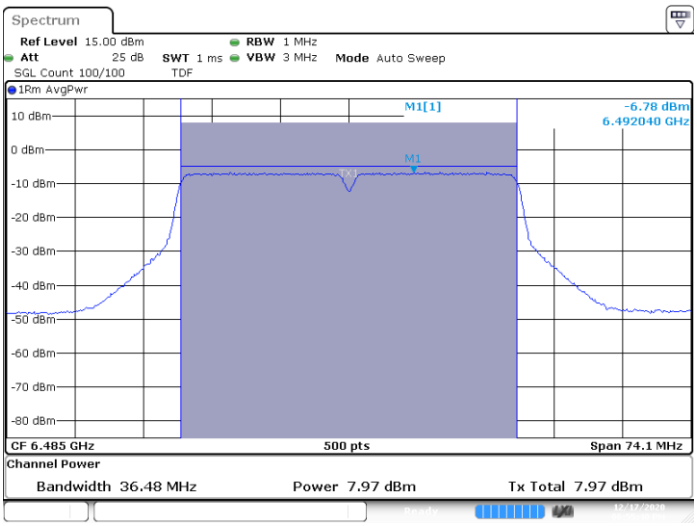
UNII6



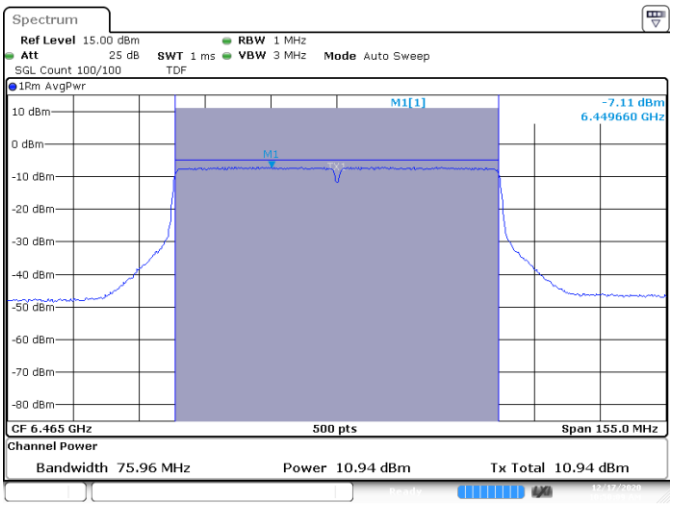
SISO B-802.11a-20MHz-Ch97-6435MHz-6



SISO B-802.11n-20MHz-Ch197-6435MHz-HT0



SISO B-802.11n-40MHz-Ch107-6485MHz-HT0



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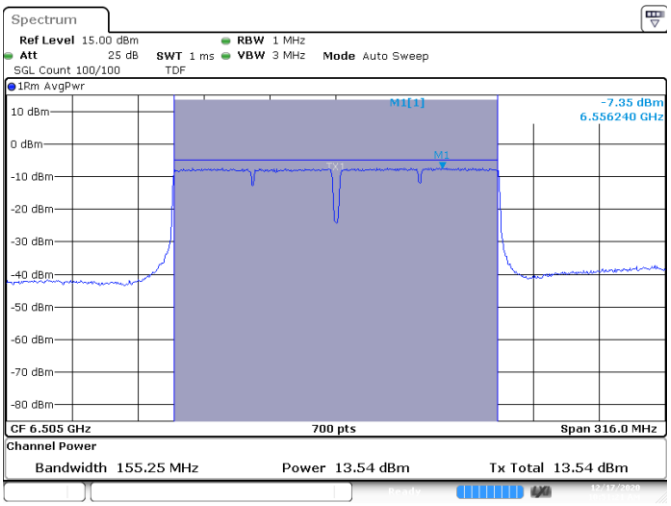
SISO A-802.11ac-80MHz-Ch103-6465MHz-VHT0



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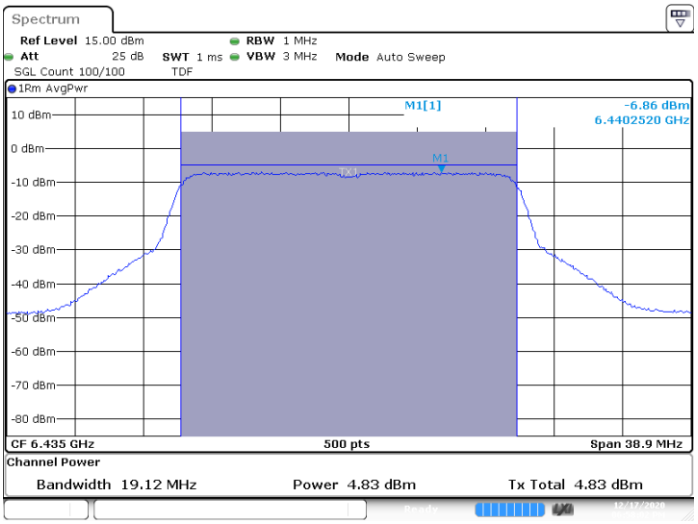
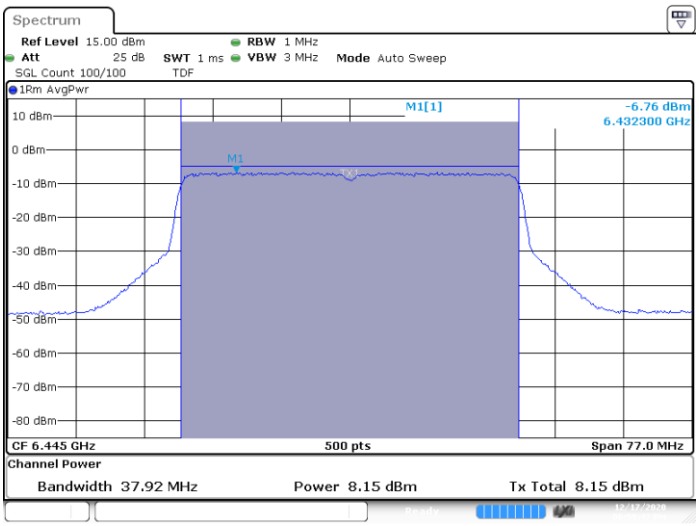
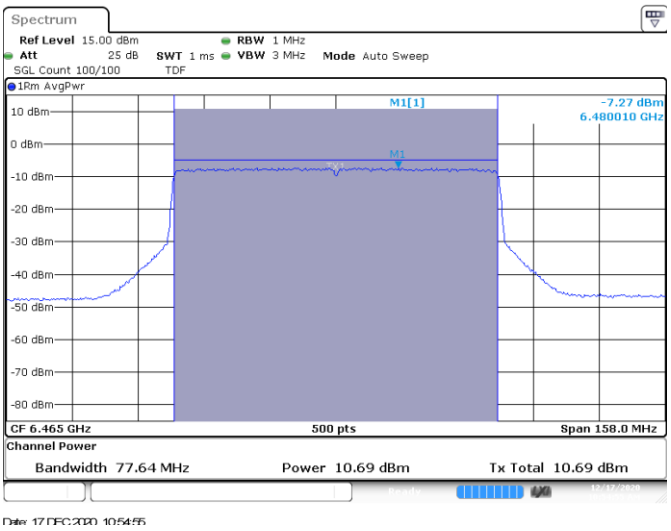
SISO A-802.11ac-160MHz-Ch111-6505MHz-VHT0



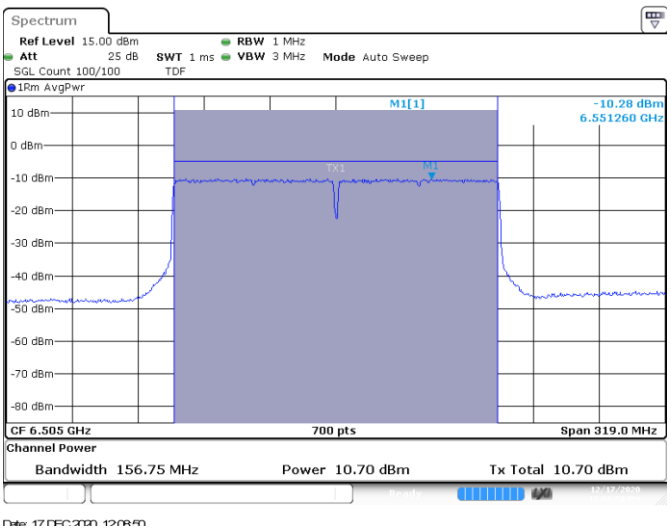
SISO B-802.11ax-20MHz-Ch97-6435MHz-HE0



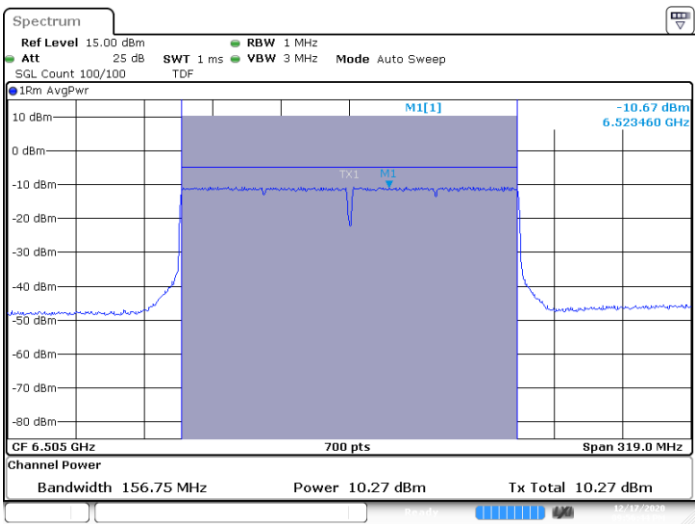
SISO B-802.11ax-40MHz-Ch99-6445MHz-HE0



SISO A-802.11ax-80MHz-Ch103-6465MHz-HE0

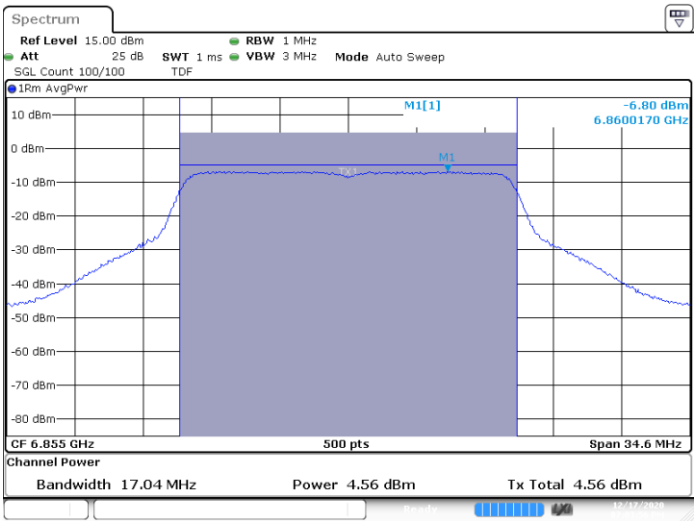


MIMO A-802.11ax-160MHz-Ch111-6505MHz-HE0

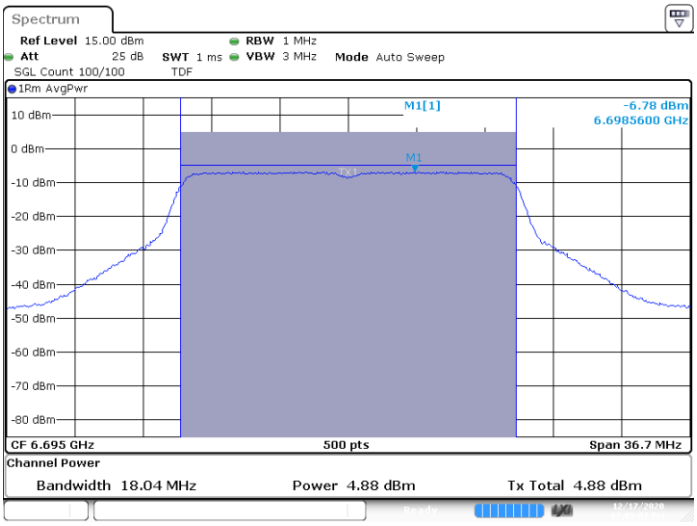


MIMO B-802.11ax-160MHz-Ch111-6505MHz-HE0

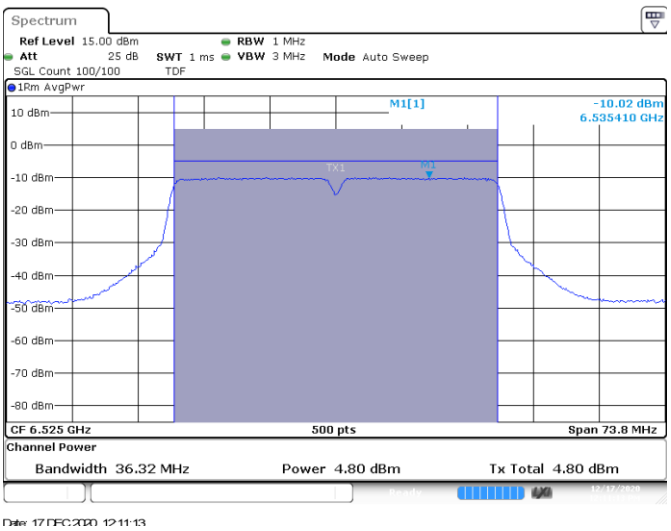
UNII7



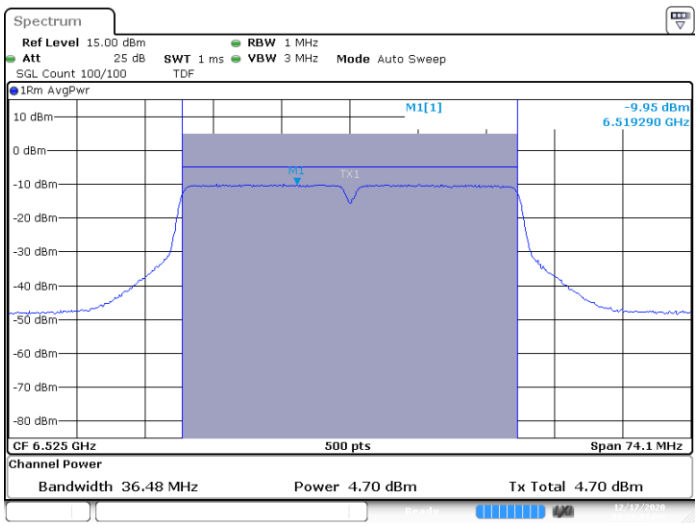
SISO B-802.11a-20MHz-Ch181-6855MHz-6



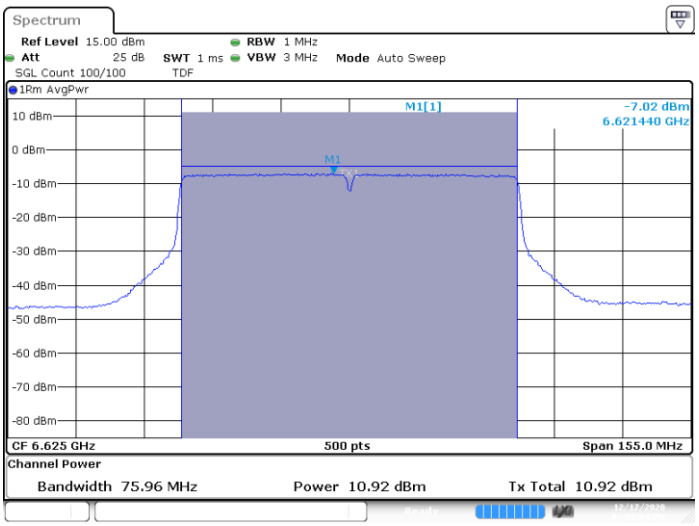
SISO B-802.11n-20MHz-Ch149-6695MHz-HT0



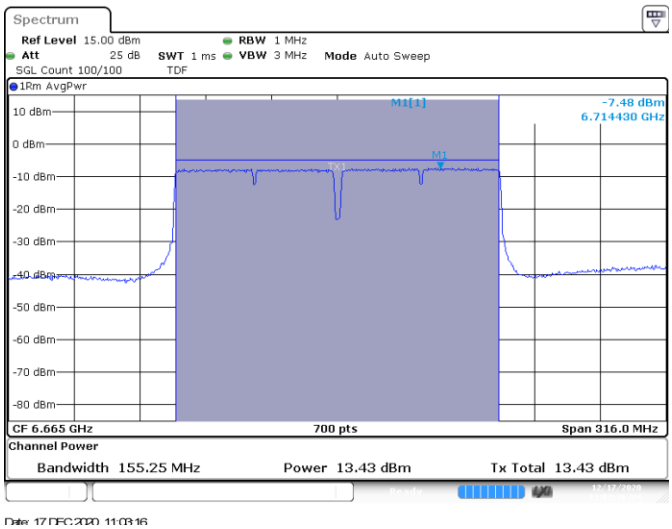
MIMO A-802.11n-40MHz-Ch115-6525MHz-HT8



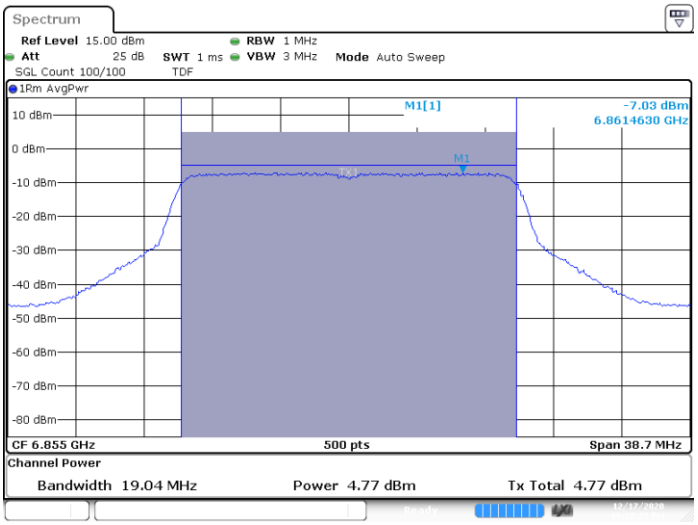
MIMO B-802.11n-40MHz-Ch115-6525MHz-HT8



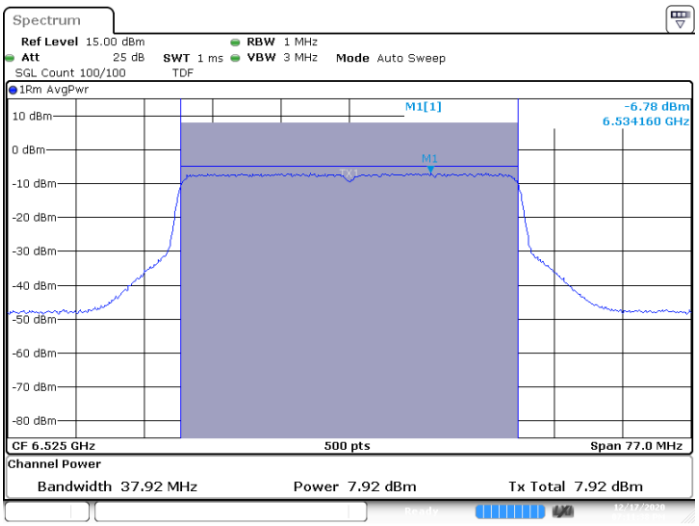
SISO B-802.11ac-80MHz-Ch135-6625MHz-VHT0



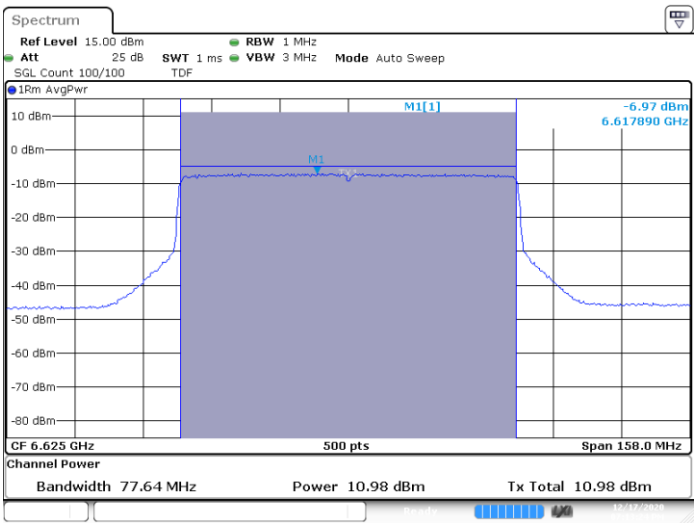
SISO A-802.11ac-160MHz-Ch143-6665MHz-VHT0



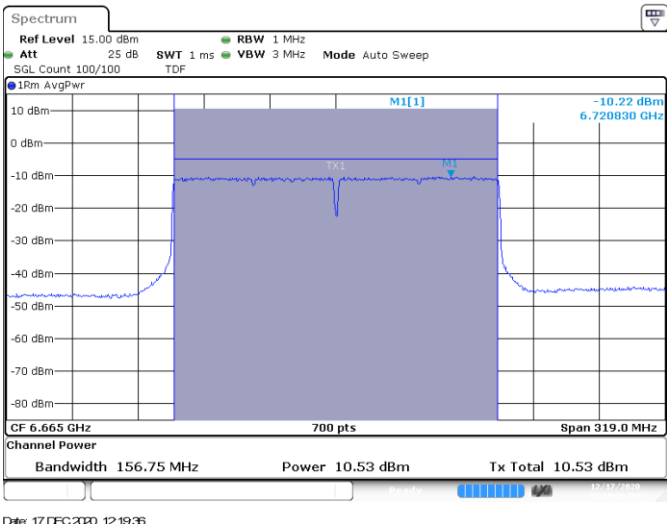
SISO B-802.11ax-20MHz-Ch181-6855MHz-HE0



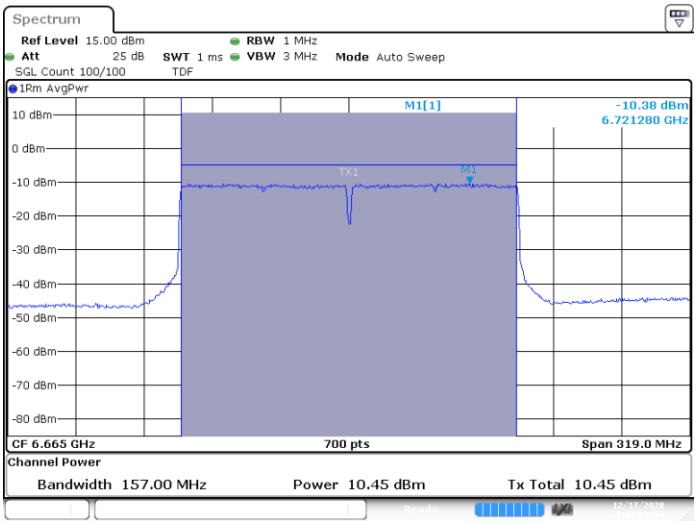
SISO B-802.11ax-40MHz-Ch115-6525MHz-HE0



SISO A-802.11ax-80MHz-Ch135-6625MHz-HE0

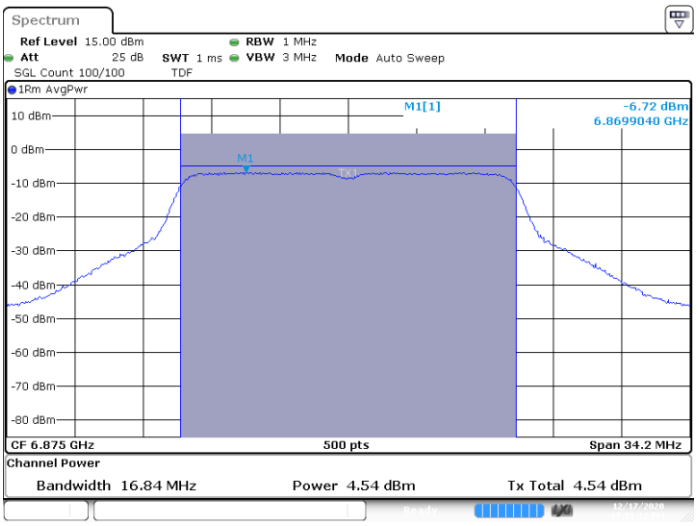


MIMO A-802.11ax-160MHz-Ch143-6665MHz-HE0

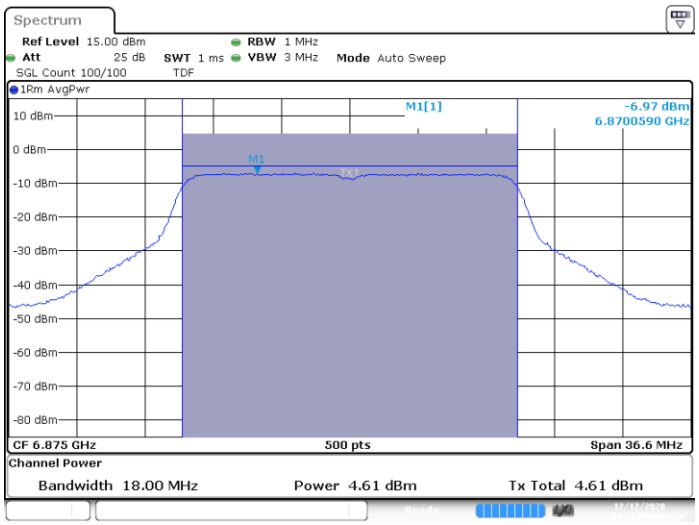


MIMO B-802.11ax-160MHz-Ch143-6665MHz-HE0

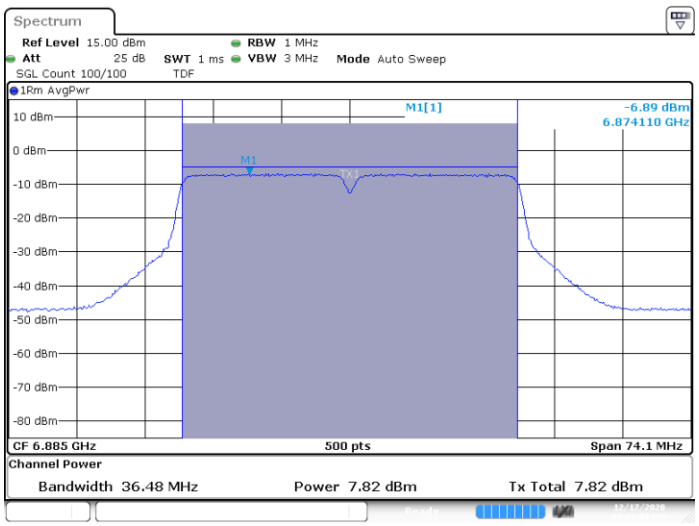
UNII8



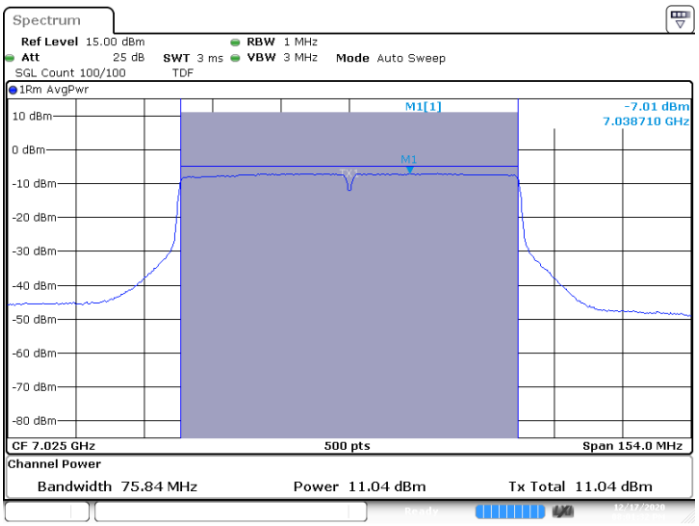
SISO B-802.11a-20MHz-Ch185-6875MHz-6



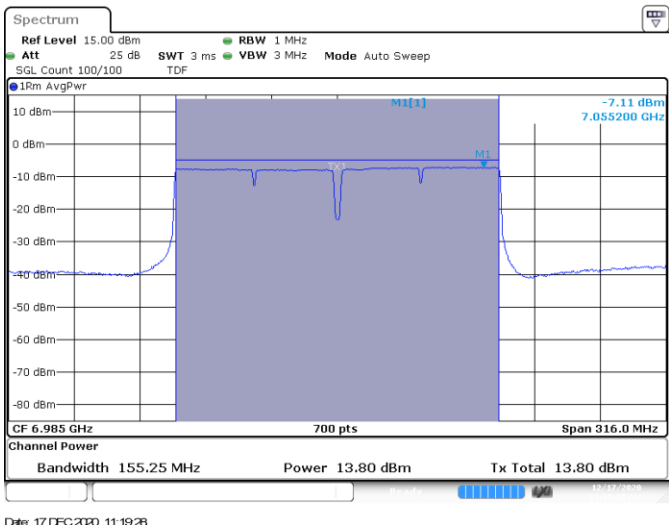
SISO B-802.11n-20MHz-Ch185-6875MHz -HT0



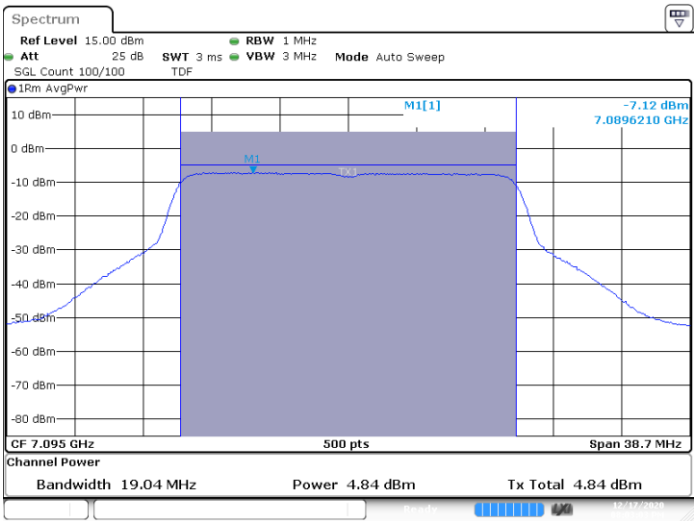
SISO B-802.11n-40MHz-Ch187-6885MHz-HT0



SISO B-802.11ac-80MHz-Ch215-7025MHz-VHT0



SISO A-802.11ac-160MHz-Ch207-6985MHz-VHT0



SISO B-802.11ax-20MHz-Ch229-7095MHz-HE0