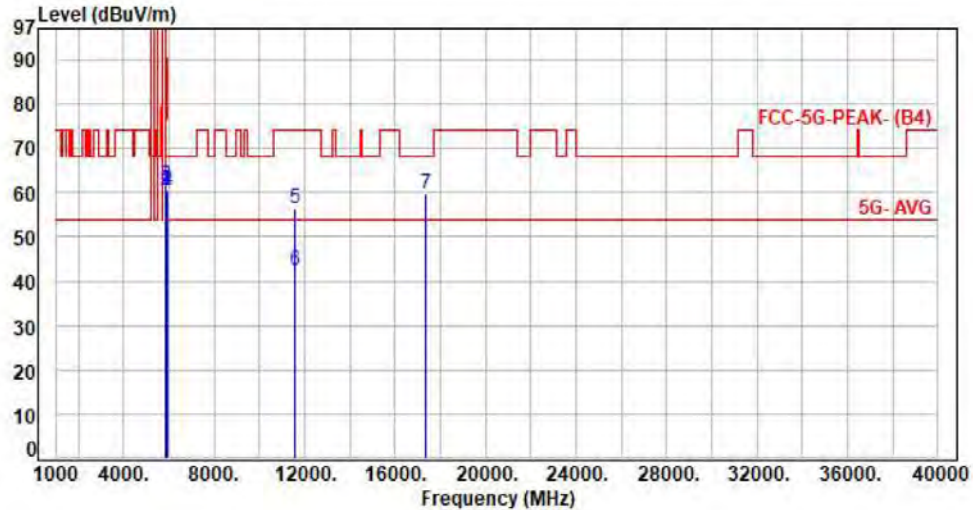




Power	:	From System (AC120V/60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 5, Band 4, CH159		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5850.00	6.76	53.67	60.43	122.20	-61.77	Peak	100	204	P
2	5855.00	6.78	53.71	60.49	110.80	-50.31	Peak	100	278	P
3	5875.00	6.83	54.90	61.73	105.20	-43.47	Peak	100	266	P
4	5925.00	6.97	53.68	60.65	68.20	-7.55	Peak	100	252	P
5	11590.00	15.37	41.00	56.37	74.00	-17.63	Peak	100	122	P
6	11590.00	15.37	27.11	42.48	54.00	-11.52	Average	100	122	P
7	17385.00	21.67	38.17	59.84	68.20	-8.36	Peak	100	130	P

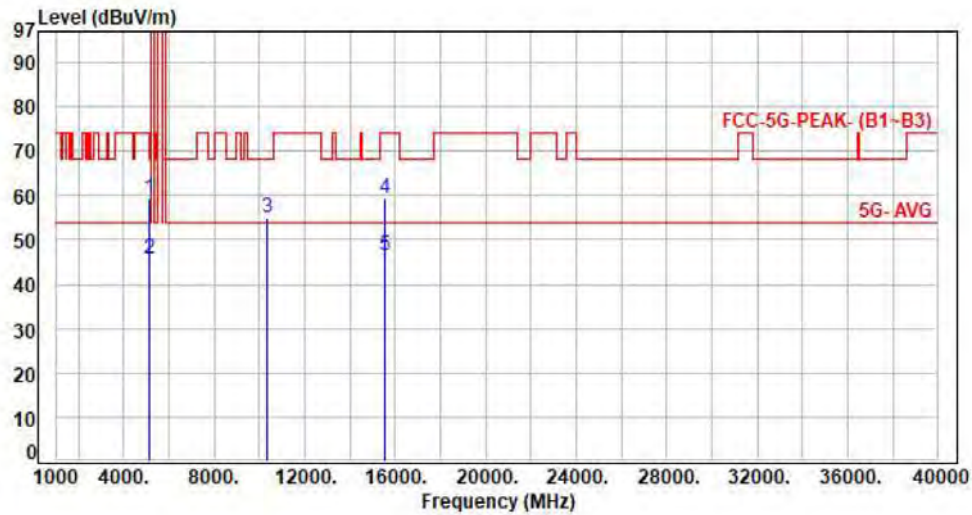
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	From System (AC120V/60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 6, Band 1, CH36		:	

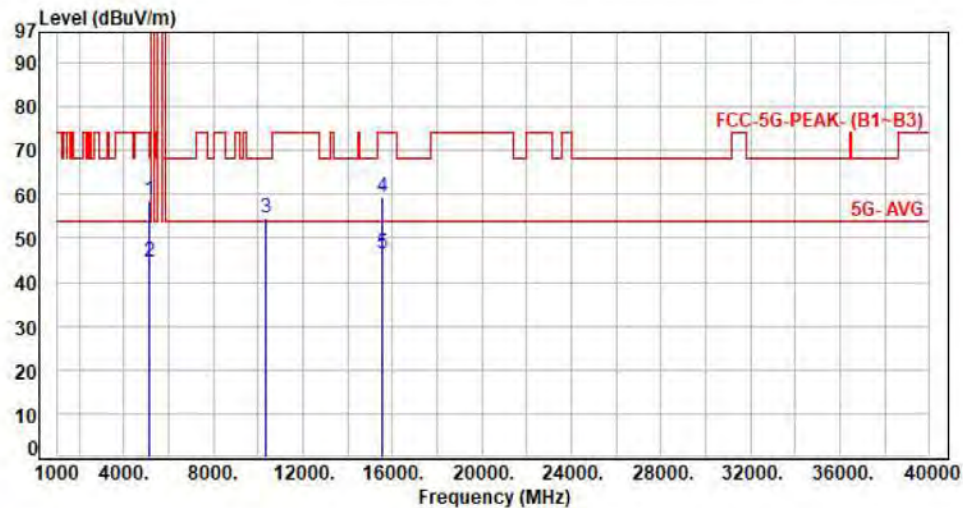


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.01	53.23	59.24	74.00	-14.76	Peak	100	156	P
2	5150.00	6.01	39.74	45.75	54.00	-8.25	Average	100	156	P
3	10360.00	13.23	41.89	55.12	68.20	-13.08	Peak	100	248	P
4	15540.00	16.03	43.21	59.24	74.00	-14.76	Peak	100	126	P
5	15540.00	16.03	30.32	46.35	54.00	-7.65	Average	100	126	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	From System (AC120V/60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 6, Band 1, CH36		:	

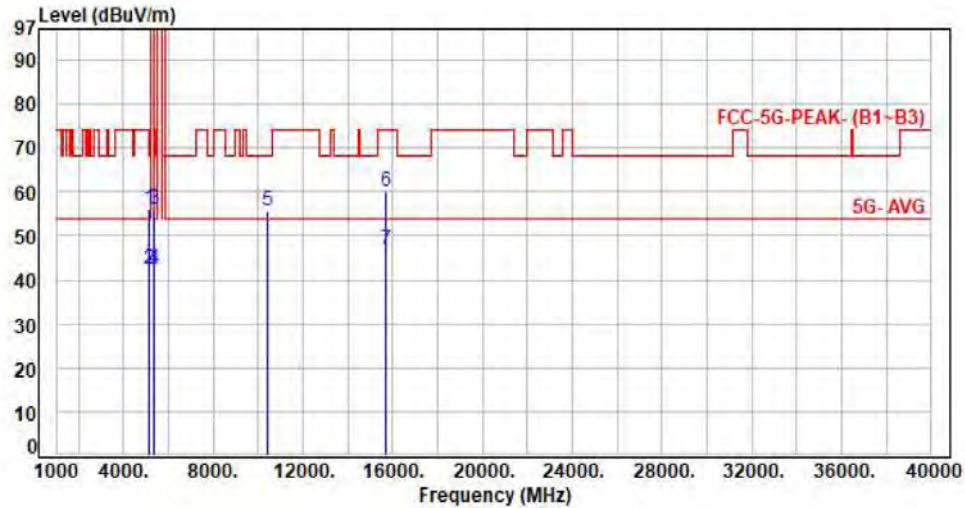


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.01	52.52	58.53	74.00	-15.47	Peak	100	189	P
2	5150.00	6.01	38.57	44.58	54.00	-9.42	Average	100	189	P
3	10360.00	13.23	41.42	54.65	68.20	-13.55	Peak	100	113	P
4	15540.00	16.03	43.39	59.42	74.00	-14.58	Peak	100	201	P
5	15540.00	16.03	30.31	46.34	54.00	-7.66	Average	100	201	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	From System (AC120V/60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 6, Band 1, CH44		:	

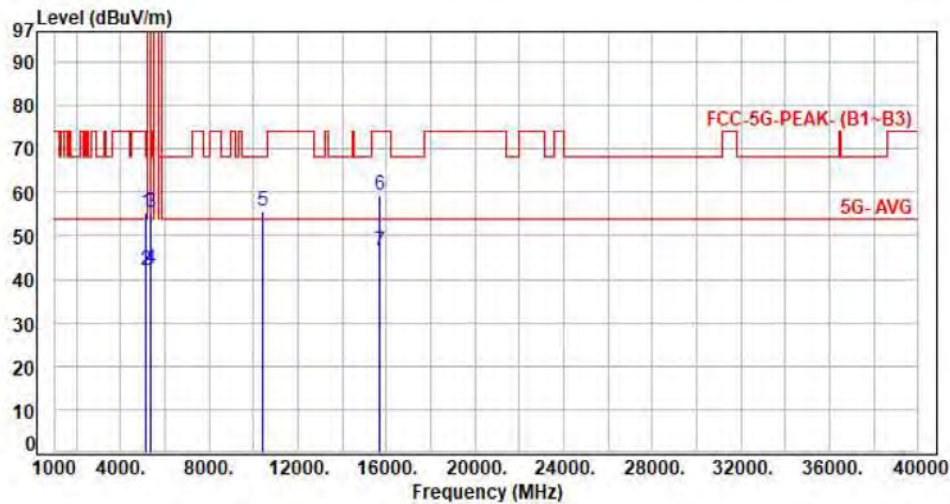


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.01	50.12	56.13	74.00	-17.87	Peak	100	142	P
2	5150.00	6.01	36.53	42.54	54.00	-11.46	Average	100	142	P
3	5350.00	6.27	49.80	56.07	74.00	-17.93	Peak	100	289	P
4	5350.00	6.27	36.11	42.38	54.00	-11.62	Average	100	289	P
5	10440.00	13.37	42.19	55.56	68.20	-12.64	Peak	100	276	P
6	15660.00	15.50	44.52	60.02	74.00	-13.98	Peak	100	275	P
7	15660.00	15.50	31.33	46.83	54.00	-7.17	Average	100	275	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	From System (AC120V/60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 6, Band 1, CH44		:	

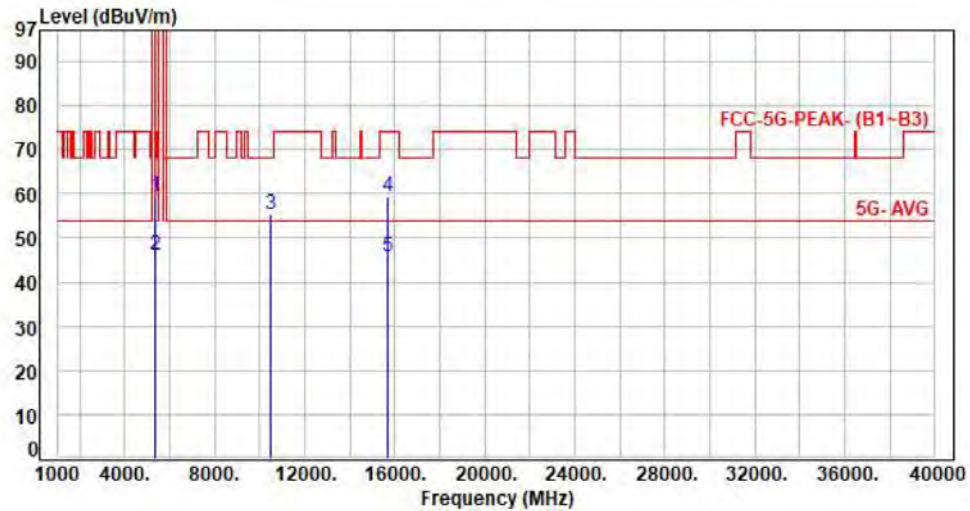


No.	Frequency (MHz)	Factor (dB)	Reading (dBUV)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.01	49.33	55.34	74.00	-18.66	Peak	100	213	P
2	5150.00	6.01	36.11	42.12	54.00	-11.88	Average	100	213	P
3	5350.00	6.27	49.18	55.45	74.00	-18.55	Peak	100	222	P
4	5350.00	6.27	36.10	42.37	54.00	-11.63	Average	100	222	P
5	10440.00	13.37	42.39	55.76	68.20	-12.44	Peak	100	231	P
6	15660.00	15.50	43.97	59.47	74.00	-14.53	Peak	100	123	P
7	15660.00	15.50	31.04	46.54	54.00	-7.46	Average	100	123	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	From System (AC120V/60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 6, Band 1, CH48		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5350.00	6.27	53.17	59.44	74.00	-14.56	Peak	100	276	P
2	5350.00	6.27	39.69	45.96	54.00	-8.04	Average	100	276	P
3	10480.00	13.47	42.02	55.49	68.20	-12.71	Peak	100	235	P
4	15720.00	15.32	44.02	59.34	74.00	-14.66	Peak	100	167	P
5	15720.00	15.32	30.41	45.73	54.00	-8.27	Average	100	167	P

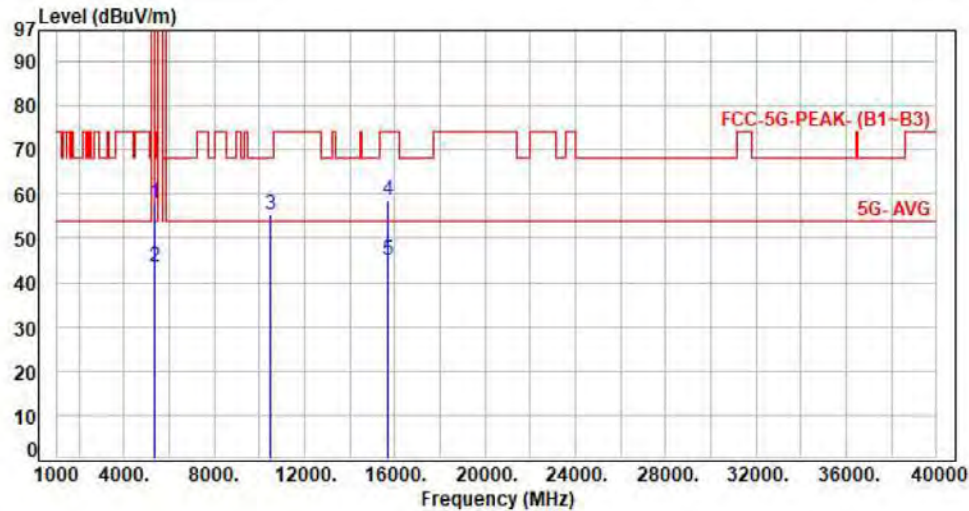
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	From System (AC120V/60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 6, Band 1, CH48		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5350.00	6.27	51.62	57.89	74.00	-16.11	Peak	100	205	P
2	5350.00	6.27	37.08	43.35	54.00	-10.65	Average	100	205	P
3	10480.00	13.47	41.94	55.41	68.20	-12.79	Peak	100	48	P
4	15720.00	15.32	43.35	58.67	74.00	-15.33	Peak	100	123	P
5	15720.00	15.32	29.85	45.17	54.00	-8.83	Average	100	123	P

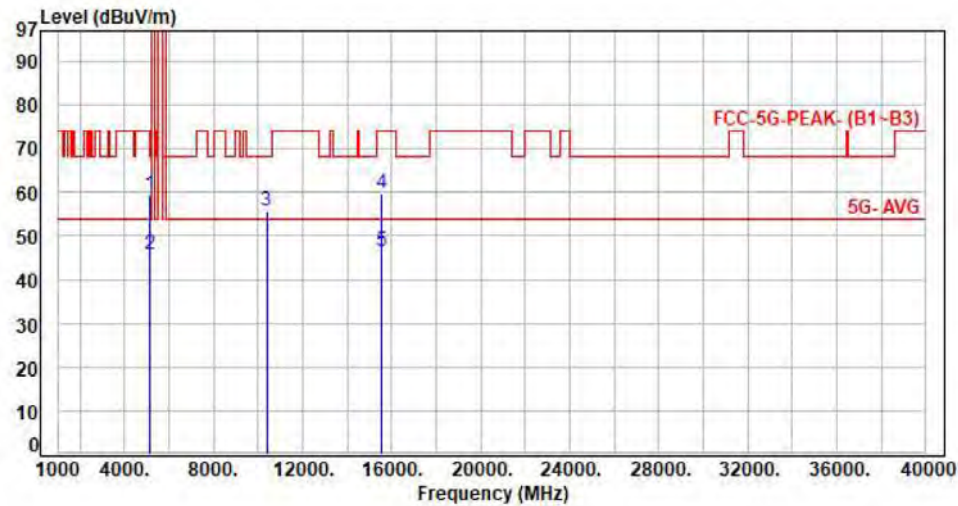
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 110V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 7, Band 1, CH38		:



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.01	53.44	59.45	74.00	-14.55	Peak	100	244	P
2	5150.00	6.01	39.67	45.68	54.00	-8.32	Average	100	244	P
3	10380.00	13.26	42.30	55.56	68.20	-12.64	Peak	100	282	P
4	15570.00	15.93	43.80	59.73	74.00	-14.27	Peak	100	167	P
5	15570.00	15.93	30.42	46.35	54.00	-7.65	Average	100	167	P

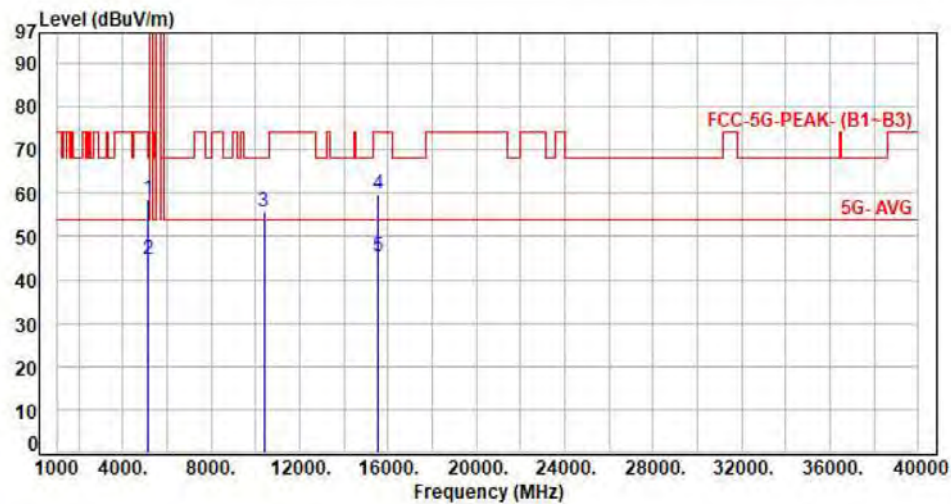
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	From System (AC120V/60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 7, Band 1, CH38		:	

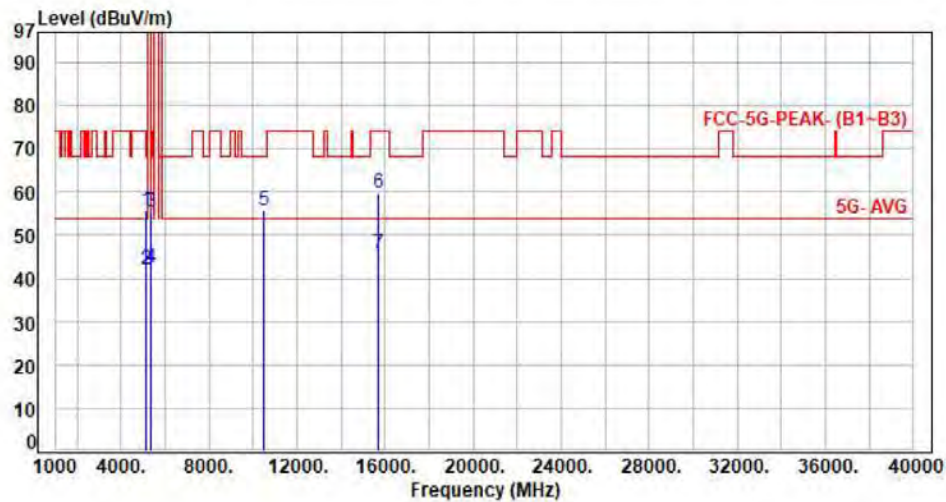


No.	Frequency (MHz)	Factor (dB)	Reading (dBUV)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.01	52.53	58.54	74.00	-15.46	Peak	100	211	P
2	5150.00	6.01	38.75	44.76	54.00	-9.24	Average	100	211	P
3	10380.00	13.26	42.51	55.77	68.20	-12.43	Peak	100	122	P
4	15570.00	15.93	43.70	59.63	74.00	-14.37	Peak	100	322	P
5	15570.00	15.93	29.58	45.51	54.00	-8.49	Average	100	322	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	From System (AC120V/60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 7, Band 1, CH46		:	

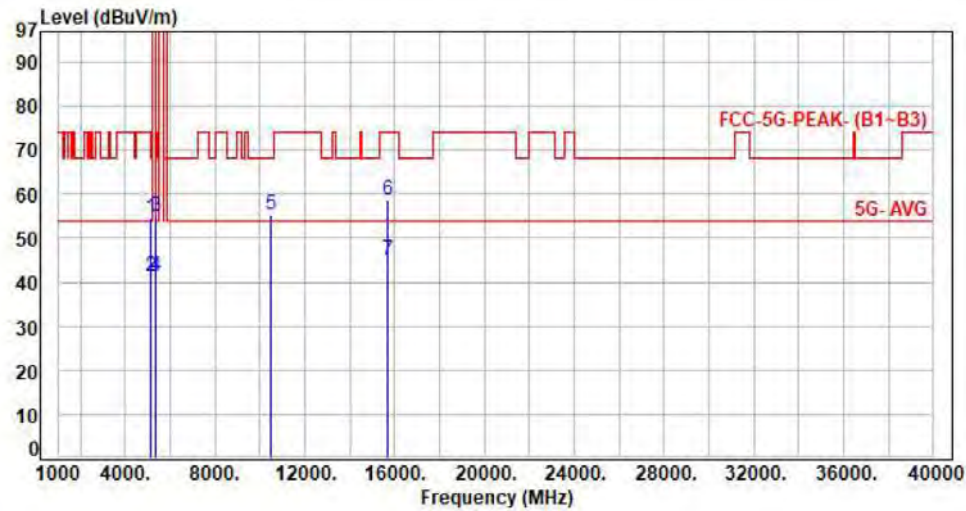


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.01	49.50	55.51	74.00	-18.49	Peak	100	153	P
2	5150.00	6.01	36.12	42.13	54.00	-11.87	Average	100	153	P
3	5350.00	6.27	49.19	55.46	74.00	-18.54	Peak	100	133	P
4	5350.00	6.27	36.07	42.34	54.00	-11.66	Average	100	133	P
5	10460.00	13.42	42.11	55.53	68.20	-12.67	Peak	100	278	P
6	15690.00	15.35	44.22	59.57	74.00	-14.43	Peak	100	148	P
7	15690.00	15.35	30.51	45.86	54.00	-8.14	Average	100	148	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	From System (AC120V/60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 7, Band 1, CH46		:	

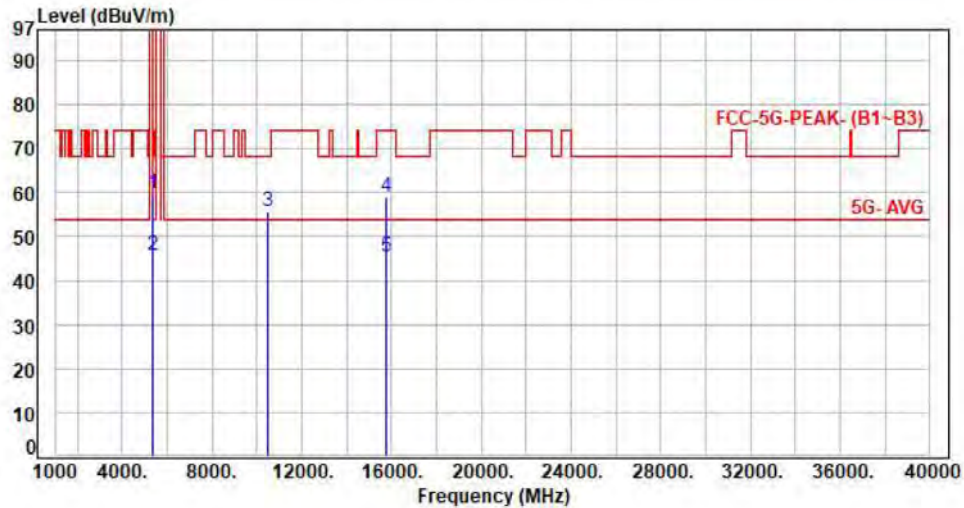


No.	Frequency (MHz)	Factor (dB)	Reading (dBUV)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.01	48.75	54.76	74.00	-19.24	Peak	100	207	P
2	5150.00	6.01	35.19	41.20	54.00	-12.80	Average	100	207	P
3	5350.00	6.27	48.61	54.88	74.00	-19.12	Peak	100	213	P
4	5350.00	6.27	35.08	41.35	54.00	-12.65	Average	100	213	P
5	10460.00	13.42	41.75	55.17	68.20	-13.03	Peak	100	141	P
6	15690.00	15.35	43.30	58.65	74.00	-15.35	Peak	100	225	P
7	15690.00	15.35	29.83	45.18	54.00	-8.82	Average	100	225	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	From System (AC120V/60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 6, Band 2, CH52		:	

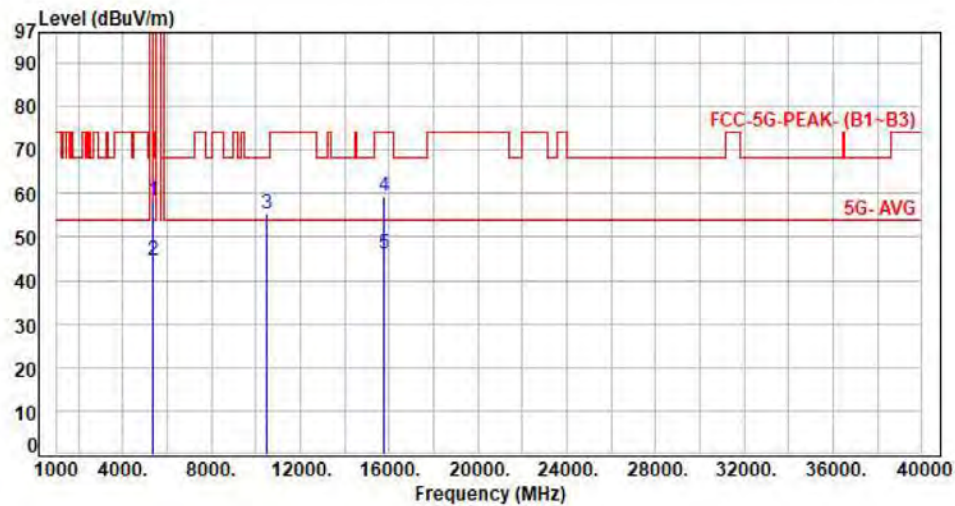


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5350.00	6.27	53.41	59.68	74.00	-14.32	Peak	100	105	P
2	5350.00	6.27	39.56	45.83	54.00	-8.17	Average	100	105	P
3	10520.00	13.58	41.99	55.57	68.20	-12.63	Peak	100	172	P
4	15780.00	15.41	43.73	59.14	74.00	-14.86	Peak	100	130	P
5	15780.00	15.41	30.04	45.45	54.00	-8.55	Average	100	130	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	From System (AC120V/60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 6, Band 2, CH52		:	

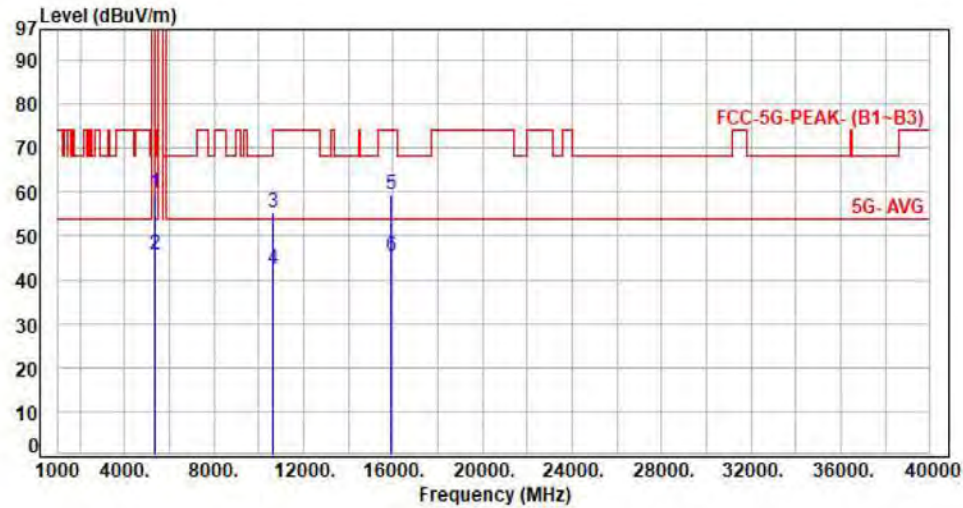


No.	Frequency (MHz)	Factor (dB)	Reading (dBUV)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5350.00	6.27	51.99	58.26	74.00	-15.74	Peak	100	109	P
2	5350.00	6.27	38.52	44.79	54.00	-9.21	Average	100	109	P
3	10520.00	13.58	41.73	55.31	68.20	-12.89	Peak	100	155	P
4	15780.00	15.41	43.83	59.24	74.00	-14.76	Peak	100	128	P
5	15780.00	15.41	30.66	46.07	54.00	-7.93	Average	100	128	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	From System (AC120V/60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 6, Band 2, CH60		:	

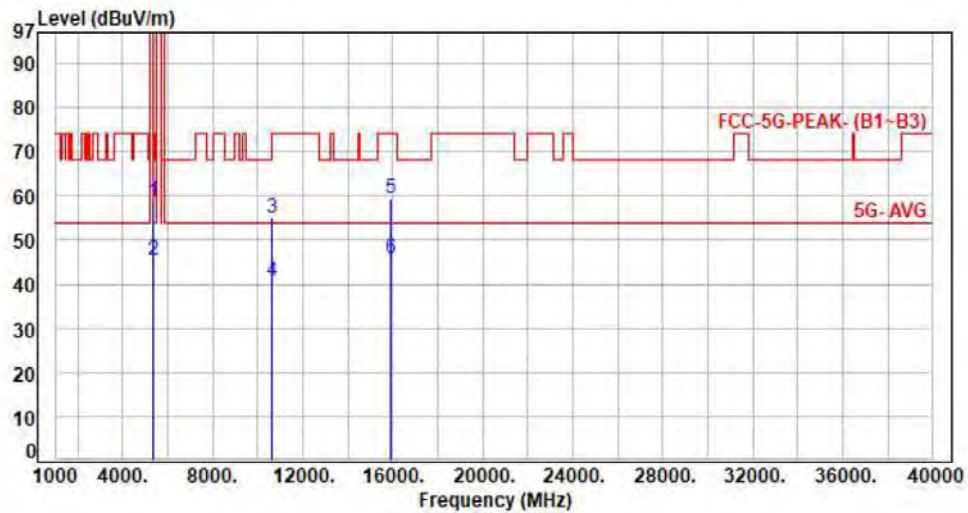


No.	Frequency (MHz)	Factor (dB)	Reading (dBUV)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5350.00	6.27	53.34	59.61	74.00	-14.39	Peak	100	314	P
2	5350.00	6.27	39.41	45.68	54.00	-8.32	Average	100	314	P
3	10600.00	13.84	41.62	55.46	74.00	-18.54	Peak	100	125	P
4	10600.00	13.84	28.50	42.34	54.00	-11.66	Average	100	125	P
5	15900.00	15.50	43.97	59.47	74.00	-14.53	Peak	100	145	P
6	15900.00	15.50	29.77	45.27	54.00	-8.73	Average	100	145	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	From System (AC120V/60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 6, Band 2, CH60		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5350.00	6.27	52.46	58.73	74.00	-15.27	Peak	100	143	P
2	5350.00	6.27	39.27	45.54	54.00	-8.46	Average	100	143	P
3	10600.00	13.84	41.05	54.89	74.00	-19.11	Peak	100	186	P
4	10600.00	13.84	26.71	40.55	54.00	-13.45	Average	100	186	P
5	15900.00	15.50	43.71	59.21	74.00	-14.79	Peak	100	227	P
6	15900.00	15.50	30.07	45.57	54.00	-8.43	Average	100	227	P

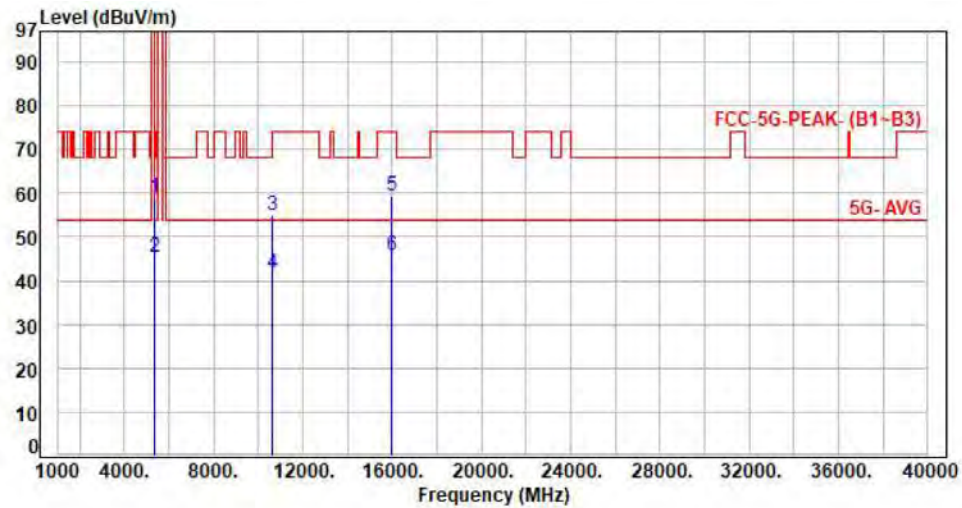
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	From System (AC120V/60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 6, Band 2, CH64		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5350.00	6.27	52.78	59.05	74.00	-14.95	Peak	100	188	P
2	5350.00	6.27	39.10	45.37	54.00	-8.63	Average	100	188	P
3	10640.00	13.88	41.23	55.11	74.00	-18.89	Peak	100	63	P
4	10640.00	13.88	27.68	41.56	54.00	-12.44	Average	100	63	P
5	15960.00	15.18	44.07	59.25	74.00	-14.75	Peak	100	201	P
6	15960.00	15.18	30.44	45.62	54.00	-8.38	Average	100	201	P

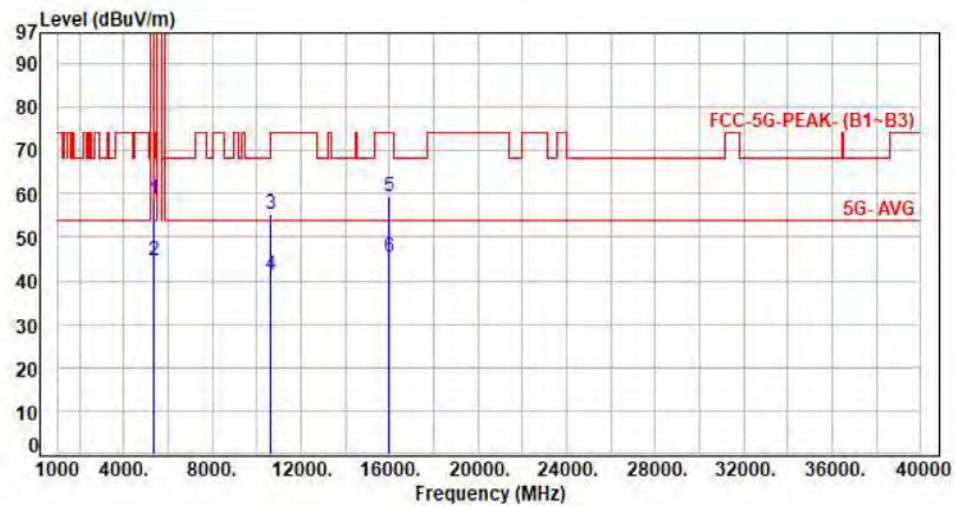
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	From System (AC120V/60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 6, Band 2, CH64		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5350.00	6.27	52.51	58.78	74.00	-15.22	Peak	100	124	P
2	5350.00	6.27	38.28	44.55	54.00	-9.45	Average	100	124	P
3	10640.00	13.88	41.33	55.21	74.00	-18.79	Peak	100	192	P
4	10640.00	13.88	27.45	41.33	54.00	-12.67	Average	100	192	P
5	15960.00	15.18	44.36	59.54	74.00	-14.46	Peak	100	107	P
6	15960.00	15.18	30.16	45.34	54.00	-8.66	Average	100	107	P

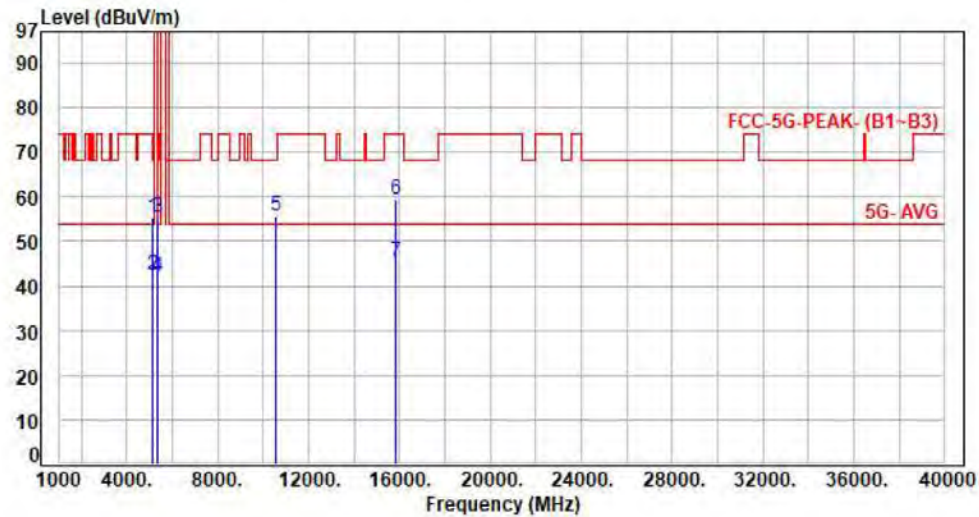
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	From System (AC120V/60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 7, Band 2, CH54		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.01	49.23	55.24	74.00	-18.76	Peak	100	353	P
2	5150.00	6.01	36.35	42.36	54.00	-11.64	Average	100	353	P
3	5350.00	6.27	48.91	55.18	74.00	-18.82	Peak	100	181	P
4	5350.00	6.27	35.88	42.15	54.00	-11.85	Average	100	181	P
5	10540.00	13.64	41.99	55.63	68.20	-12.57	Peak	100	152	P
6	15810.00	15.44	44.00	59.44	74.00	-14.56	Peak	100	204	P
7	15810.00	15.44	30.08	45.52	54.00	-8.48	Average	100	204	P

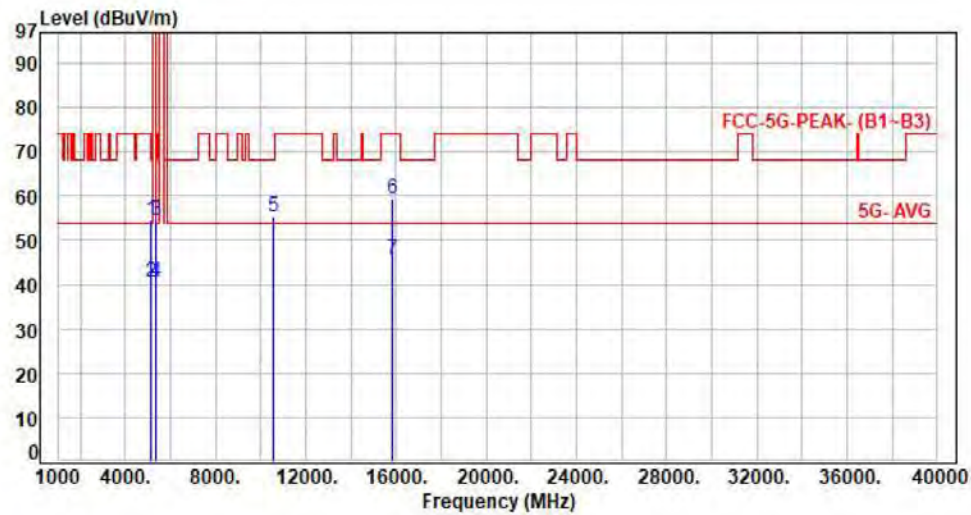
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	From System (AC120V/60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 7, Band 2, CH54		:	

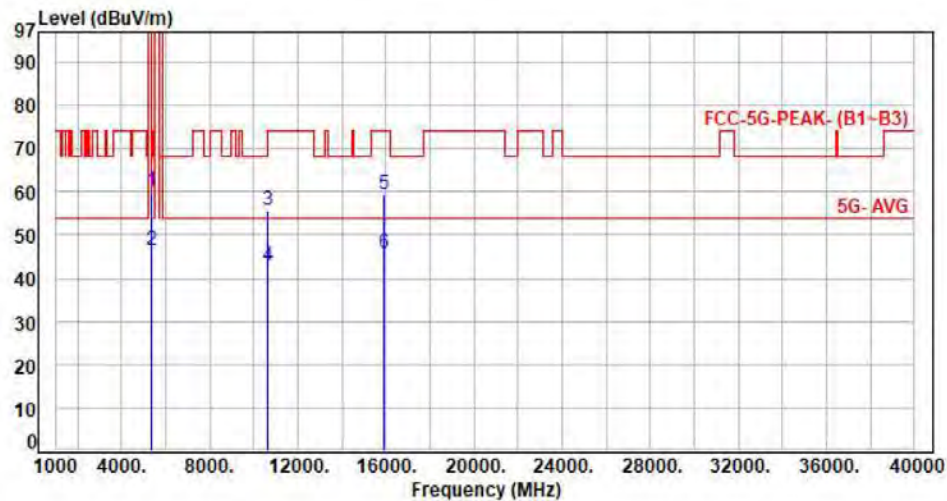


No.	Frequency (MHz)	Factor (dB)	Reading (dBUV)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.01	48.52	54.53	74.00	-19.47	Peak	100	145	P
2	5150.00	6.01	34.64	40.65	54.00	-13.35	Average	100	145	P
3	5350.00	6.27	48.18	54.45	74.00	-19.55	Peak	100	235	P
4	5350.00	6.27	34.21	40.48	54.00	-13.52	Average	100	235	P
5	10540.00	13.64	41.67	55.31	68.20	-12.89	Peak	100	215	P
6	15810.00	15.44	44.10	59.54	74.00	-14.46	Peak	100	102	P
7	15810.00	15.44	30.23	45.67	54.00	-8.33	Average	100	102	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	From System (AC120V/60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 7, Band 2, CH62		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5350.00	6.27	53.87	60.14	74.00	-13.86	Peak	100	241	P
2	5350.00	6.27	40.18	46.45	54.00	-7.55	Average	100	241	P
3	10620.00	13.86	41.66	55.52	74.00	-18.48	Peak	100	244	P
4	10620.00	13.86	28.81	42.67	54.00	-11.33	Average	100	244	P
5	15930.00	15.34	44.08	59.42	74.00	-14.58	Peak	100	120	P
6	15930.00	15.34	30.34	45.68	54.00	-8.32	Average	100	120	P

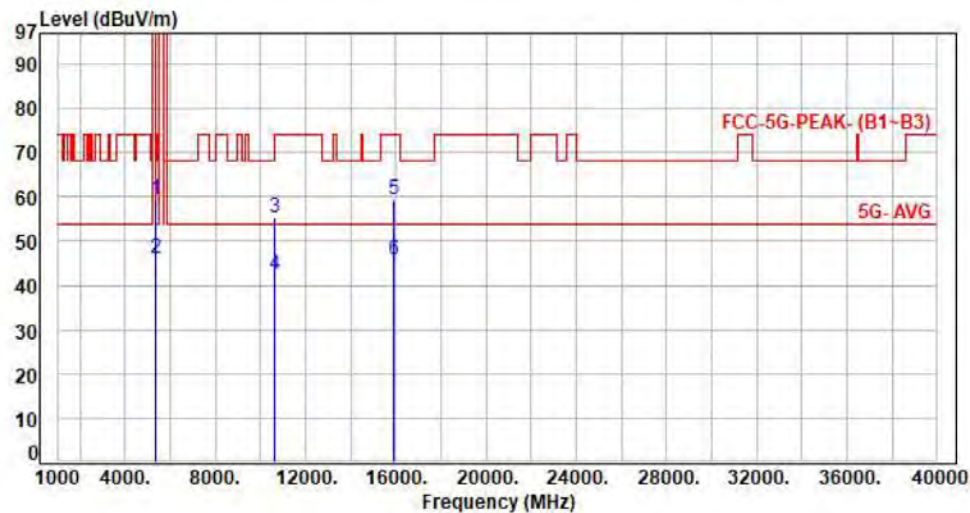
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	From System (AC120V/60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 7, Band 2, CH62		:	

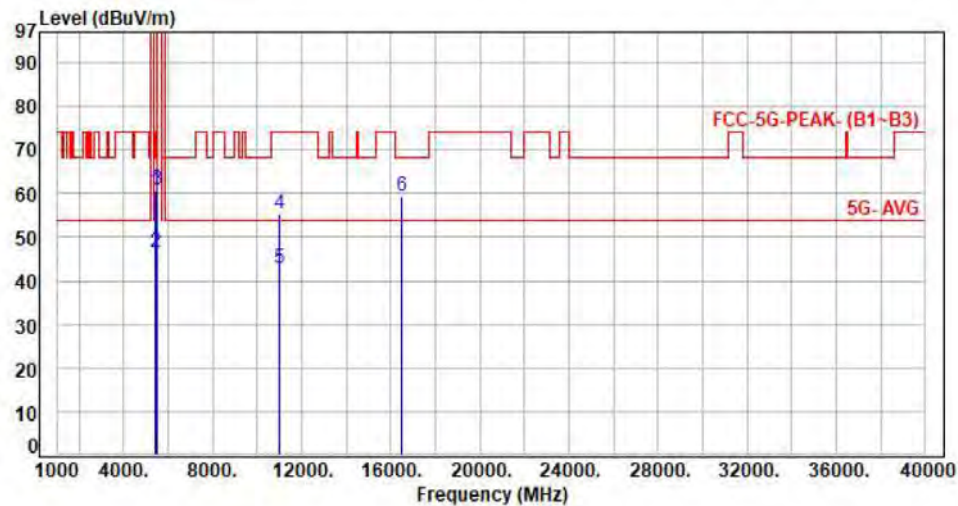


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5350.00	6.27	53.26	59.53	74.00	-14.47	Peak	100	211	P
2	5350.00	6.27	39.69	45.96	54.00	-8.04	Average	100	211	P
3	10620.00	13.86	41.57	55.43	74.00	-18.57	Peak	100	42	P
4	10620.00	13.86	28.49	42.35	54.00	-11.65	Average	100	42	P
5	15930.00	15.34	44.12	59.46	74.00	-14.54	Peak	100	202	P
6	15930.00	15.34	30.34	45.68	54.00	-8.32	Average	100	202	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	From System (AC120V/60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 6, Band 3, CH100		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	6.67	53.79	60.46	74.00	-13.54	Peak	100	152	P
2	5460.00	6.67	39.70	46.37	54.00	-7.63	Average	100	152	P
3	5470.00	6.68	54.11	60.79	68.20	-7.41	Peak	100	202	P
4	11000.00	14.28	40.88	55.16	74.00	-18.84	Peak	100	156	P
5	11000.00	14.28	28.37	42.65	54.00	-11.35	Average	100	156	P
6	16500.00	16.53	42.90	59.43	68.20	-8.77	Peak	100	205	P

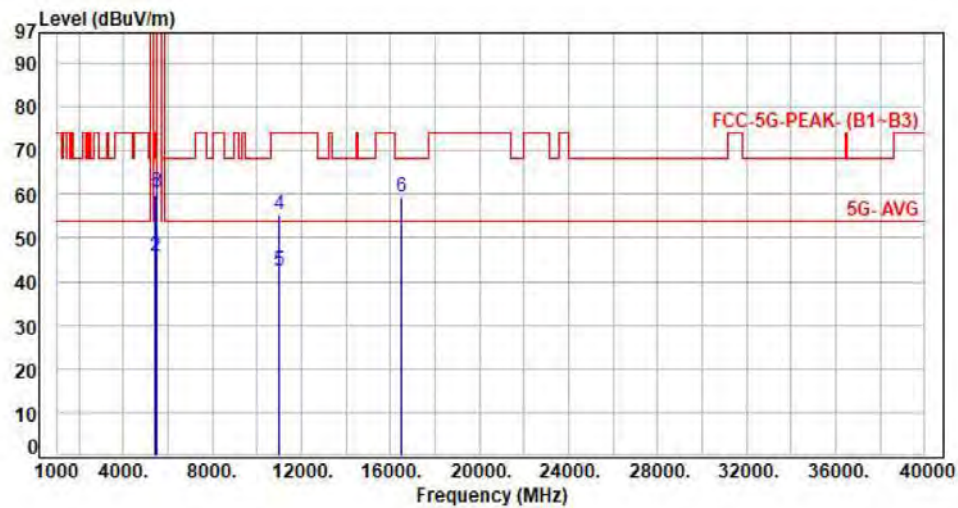
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	From System (AC120V/60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 6, Band 3, CH100		:	

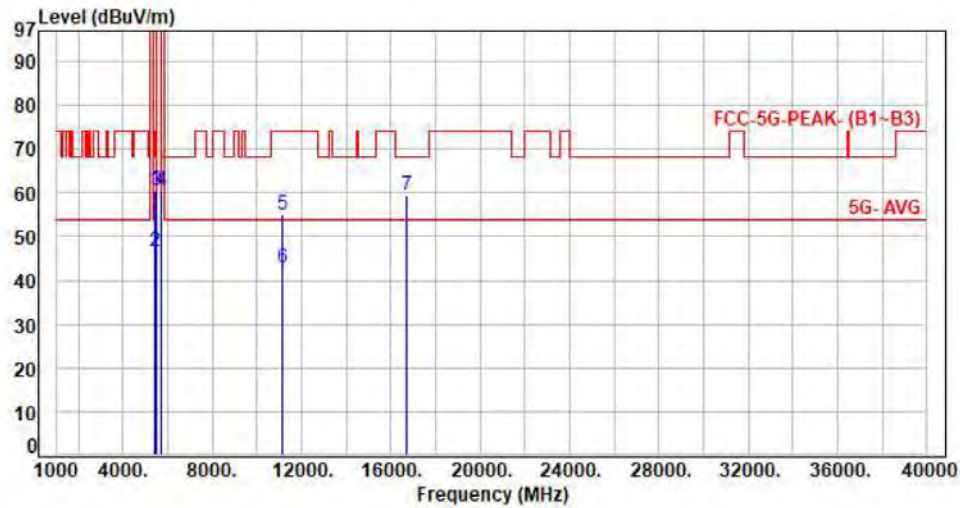


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	6.67	52.90	59.57	74.00	-14.43	Peak	100	242	P
2	5460.00	6.67	39.19	45.86	54.00	-8.14	Average	100	242	P
3	5470.00	6.68	53.84	60.52	68.20	-7.68	Peak	100	182	P
4	11000.00	14.28	41.18	55.46	74.00	-18.54	Peak	100	210	P
5	11000.00	14.28	28.03	42.31	54.00	-11.69	Average	100	210	P
6	16500.00	16.53	42.88	59.41	68.20	-8.79	Peak	100	123	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	From System (AC120V/60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 6, Band 3, CH116		:	

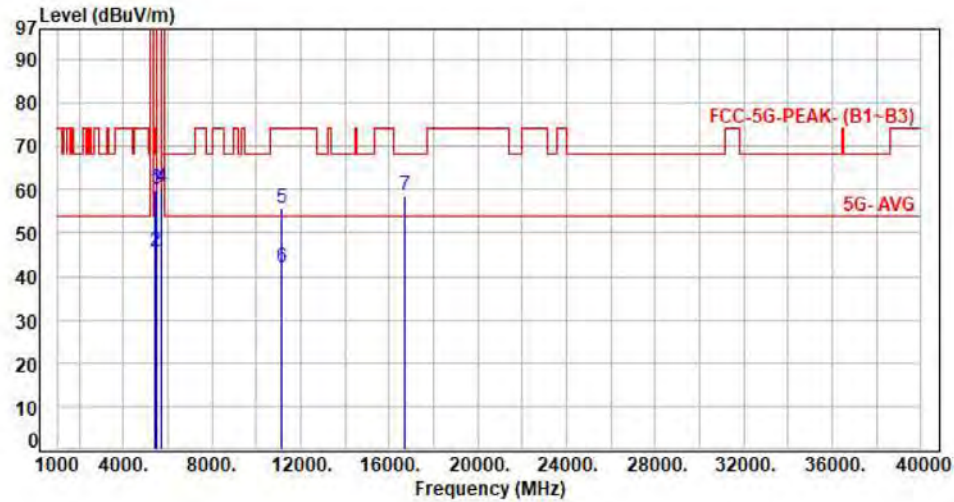


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	6.67	53.67	60.34	74.00	-13.66	Peak	100	230	P
2	5460.00	6.67	39.88	46.55	54.00	-7.45	Average	100	230	P
3	5470.00	6.68	53.66	60.34	68.20	-7.86	Peak	100	218	P
4	5725.00	6.63	53.89	60.52	68.20	-7.68	Peak	100	208	P
5	11160.00	14.49	40.62	55.11	74.00	-18.89	Peak	100	153	P
6	11160.00	14.49	28.14	42.63	54.00	-11.37	Average	100	153	P
7	16740.00	18.07	41.38	59.45	68.20	-8.75	Peak	100	226	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	From System (AC120V/60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 6, Band 3, CH116		:	

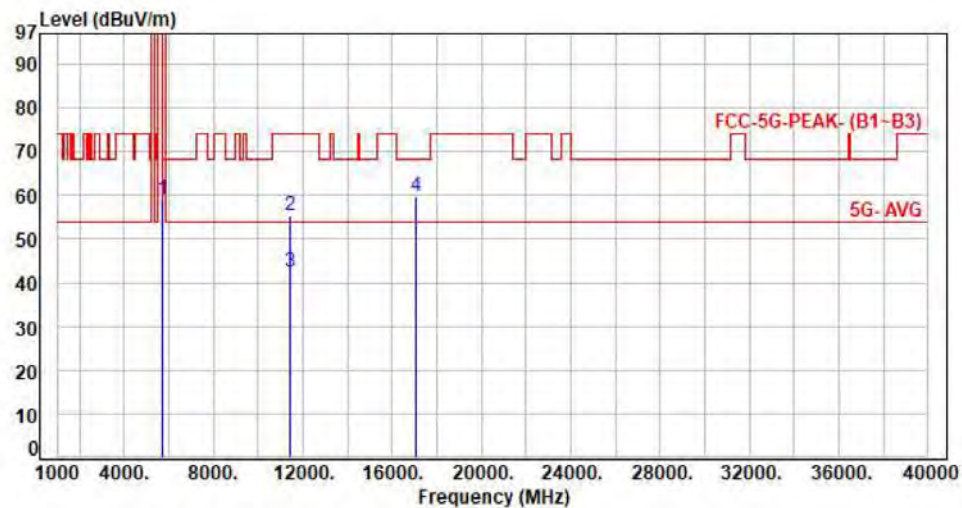


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	6.67	53.19	59.86	74.00	-14.14	Peak	100	204	P
2	5460.00	6.67	39.01	45.68	54.00	-8.32	Average	100	204	P
3	5470.00	6.68	53.58	60.26	68.20	-7.94	Peak	100	128	P
4	5725.00	6.63	53.98	60.61	68.20	-7.59	Peak	100	264	P
5	11160.00	14.49	41.03	55.52	74.00	-18.48	Peak	100	102	P
6	11160.00	14.49	27.65	42.14	54.00	-11.86	Average	100	102	P
7	16740.00	18.07	40.67	58.74	68.20	-9.46	Peak	100	263	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	From System (AC120V/60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 6, Band 3, CH140		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5725.00	6.63	52.52	59.15	68.20	-9.05	Peak	100	185	P
2	11400.00	14.84	40.33	55.17	74.00	-18.83	Peak	100	115	P
3	11400.00	14.84	27.62	42.46	54.00	-11.54	Average	100	115	P
4	17100.00	20.11	39.62	59.73	68.20	-8.47	Peak	100	120	P

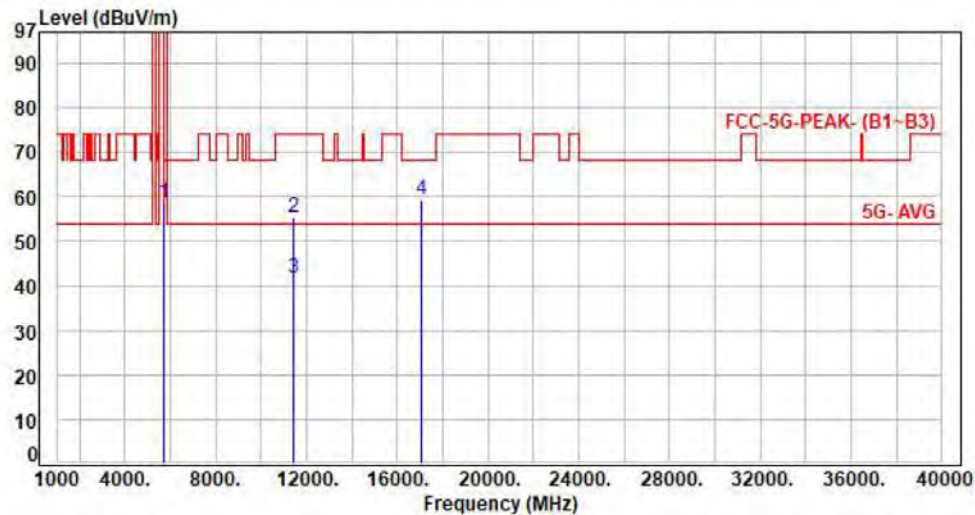
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	From System (AC120V/60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 6, Band 3, CH140		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5725.00	6.63	52.09	58.72	68.20	-9.48	Peak	100	258	P
2	11400.00	14.84	40.30	55.14	74.00	-18.86	Peak	100	136	P
3	11400.00	14.84	26.79	41.63	54.00	-12.37	Average	100	136	P
4	17100.00	20.11	39.14	59.25	68.20	-8.95	Peak	100	203	P

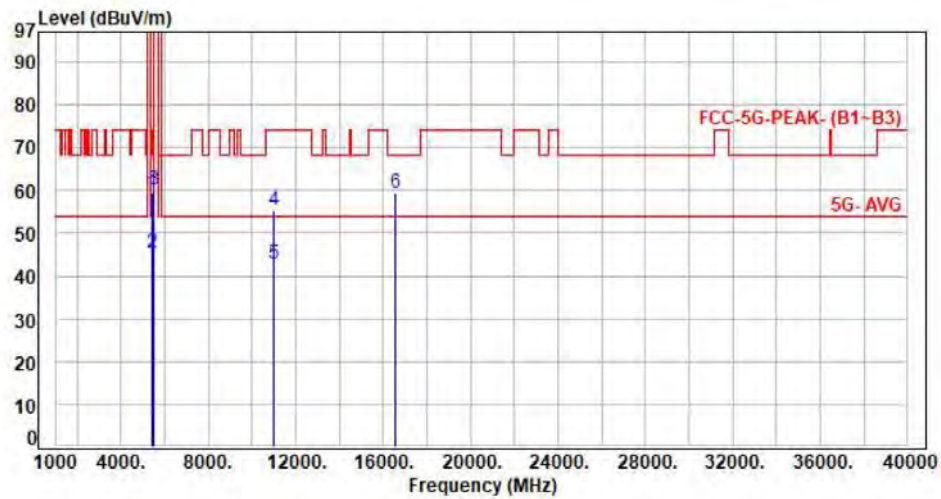
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	From System (AC120V/60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 7, Band 3, CH102		:	

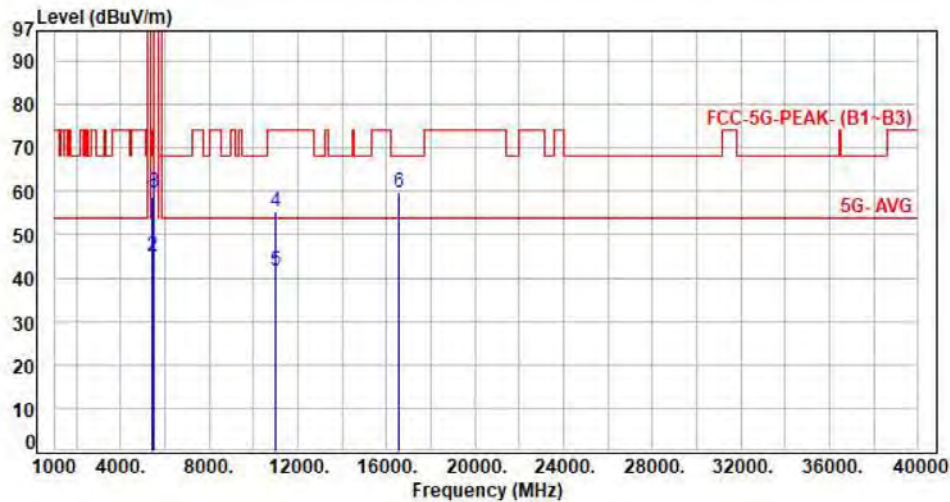


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	6.67	52.57	59.24	74.00	-14.76	Peak	100	292	P
2	5460.00	6.67	38.66	45.33	54.00	-8.67	Average	100	292	P
3	5470.00	6.68	53.52	60.20	68.20	-8.00	Peak	100	224	P
4	11020.00	14.31	41.04	55.35	74.00	-18.65	Peak	100	118	P
5	11020.00	14.31	28.32	42.63	54.00	-11.37	Average	100	118	P
6	16530.00	16.84	42.70	59.54	68.20	-8.66	Peak	100	115	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	From System (AC120V/60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 7, Band 3, CH102		:	

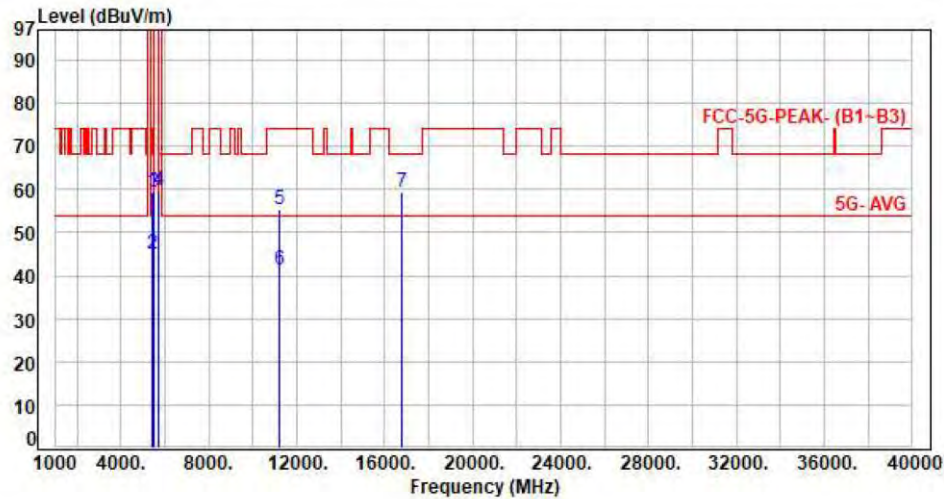


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	6.67	51.86	58.53	74.00	-15.47	Peak	100	174	P
2	5460.00	6.67	38.35	45.02	54.00	-8.98	Average	100	174	P
3	5470.00	6.68	52.96	59.64	68.20	-8.56	Peak	100	281	P
4	11020.00	14.31	41.01	55.32	74.00	-18.68	Peak	100	223	P
5	11020.00	14.31	27.45	41.76	54.00	-12.24	Average	100	223	P
6	16530.00	16.84	42.81	59.65	68.20	-8.55	Peak	100	102	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	From System (AC120V/60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 7, Band 3, CH118		:	

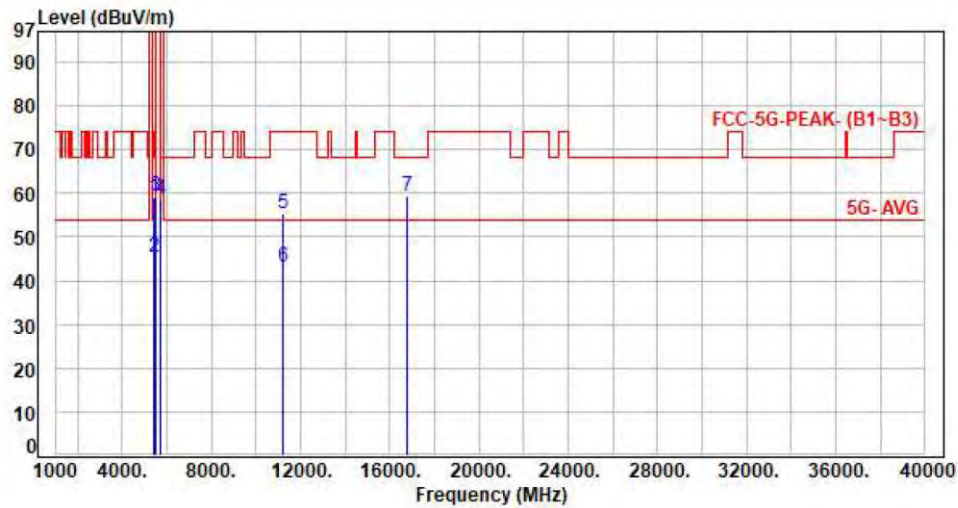


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	6.67	52.70	59.37	74.00	-14.63	Peak	100	223	P
2	5460.00	6.67	38.38	45.05	54.00	-8.95	Average	100	223	P
3	5470.00	6.68	52.66	59.34	68.20	-8.86	Peak	100	186	P
4	5725.00	6.63	53.04	59.67	68.20	-8.53	Peak	100	166	P
5	11180.00	14.50	40.73	55.23	74.00	-18.77	Peak	100	227	P
6	11180.00	14.50	26.69	41.19	54.00	-12.81	Average	100	227	P
7	16770.00	18.32	41.23	59.55	68.20	-8.65	Peak	100	84	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	From System (AC120V/60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 7, Band 3, CH118		:	

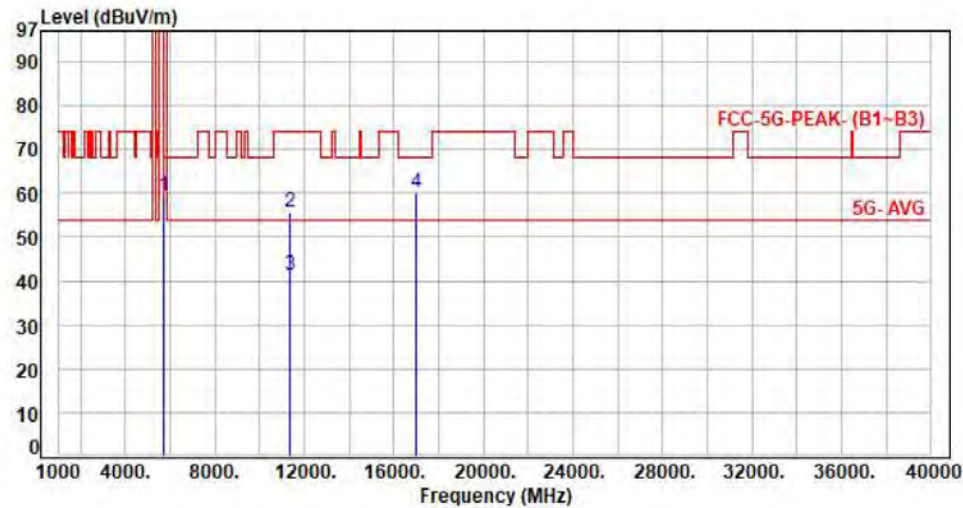


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	6.67	52.38	59.05	74.00	-14.95	Peak	100	168	P
2	5460.00	6.67	38.85	45.52	54.00	-8.48	Average	100	168	P
3	5470.00	6.68	52.54	59.22	68.20	-8.98	Peak	100	286	P
4	5725.00	6.63	52.01	58.64	68.20	-9.56	Peak	100	321	P
5	11180.00	14.50	40.92	55.42	74.00	-18.58	Peak	100	142	P
6	11180.00	14.50	28.54	43.04	54.00	-10.96	Average	100	142	P
7	16770.00	18.32	41.10	59.42	68.20	-8.78	Peak	100	112	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	From System (AC120V/60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 7, Band 3, CH134		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5725.00	6.63	52.62	59.25	68.20	-8.95	Peak	100	239	P
2	11340.00	14.68	40.99	55.67	74.00	-18.33	Peak	100	154	P
3	11340.00	14.68	26.68	41.36	54.00	-12.64	Average	100	154	P
4	17010.00	19.98	40.04	60.02	68.20	-8.18	Peak	100	171	P

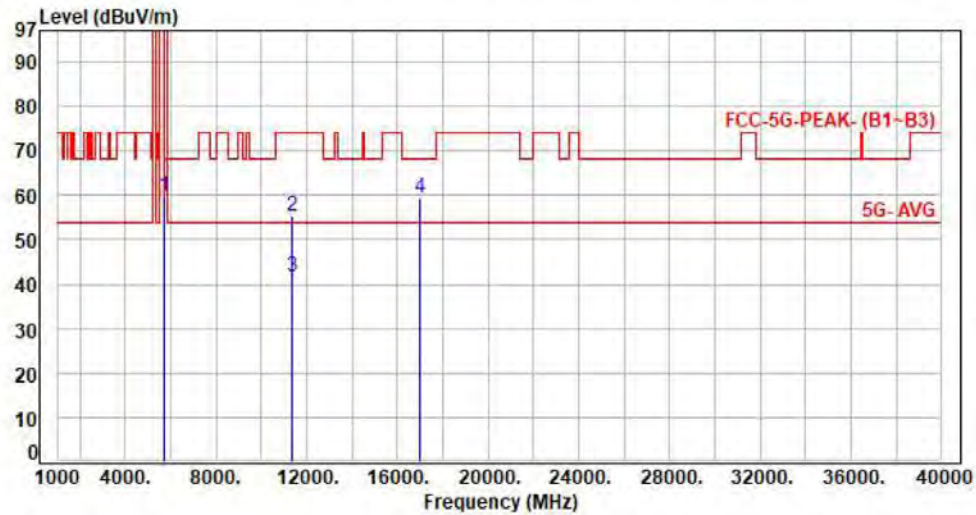
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	From System (AC120V/60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 7, Band 3, CH134		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5725.00	6.63	53.04	59.67	68.20	-8.53	Peak	100	255	P
2	11340.00	14.68	40.66	55.34	74.00	-18.66	Peak	100	135	P
3	11340.00	14.68	27.04	41.72	54.00	-12.28	Average	100	135	P
4	17010.00	19.98	39.37	59.35	68.20	-8.85	Peak	100	135	P

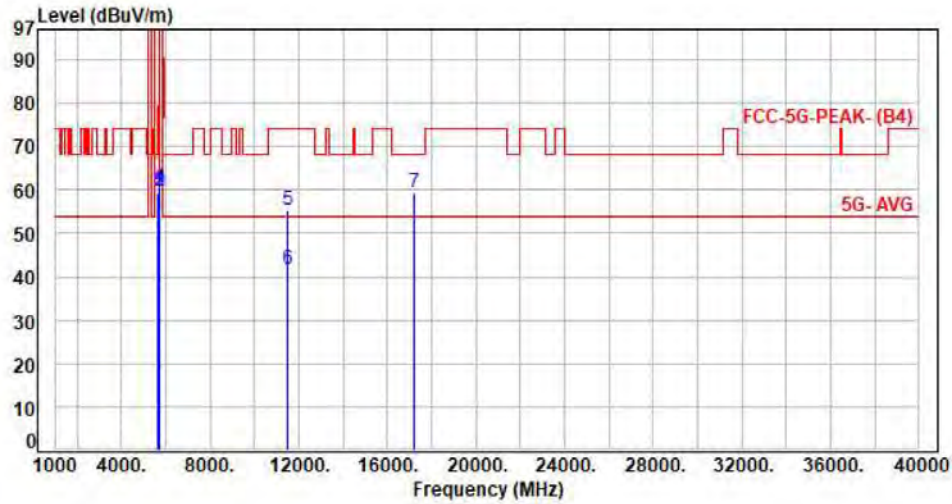
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	From System (AC120V/60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 6, Band 4, CH149		:	

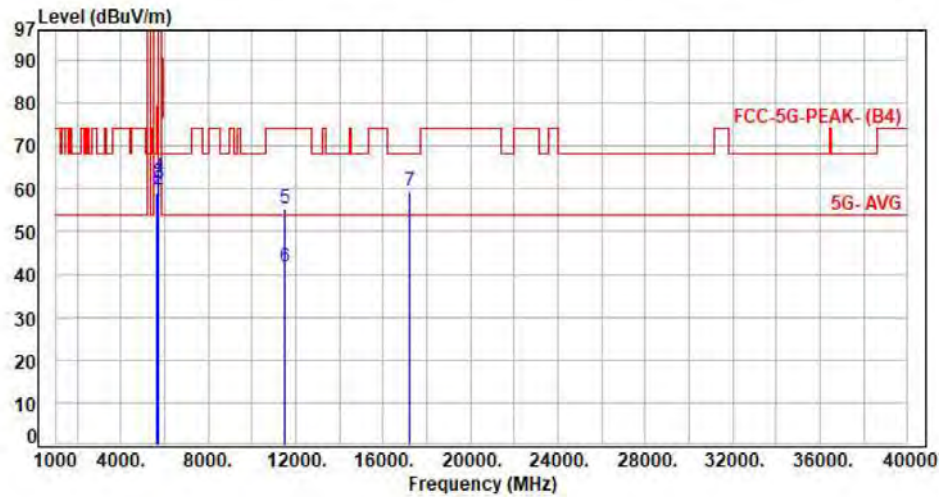


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	6.52	52.82	59.34	68.20	-8.86	Peak	100	215	P
2	5700.00	6.56	53.30	59.86	105.20	-45.34	Peak	100	226	P
3	5720.00	6.61	53.32	59.93	110.80	-50.87	Peak	100	263	P
4	5725.00	6.63	53.80	60.43	122.20	-61.77	Peak	100	178	P
5	11490.00	15.08	40.34	55.42	74.00	-18.58	Peak	100	133	P
6	11490.00	15.08	26.78	41.86	54.00	-12.14	Average	100	133	P
7	17235.00	20.94	38.51	59.45	68.20	-8.75	Peak	100	251	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	From System (AC120V/60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 6, Band 4, CH149		:	

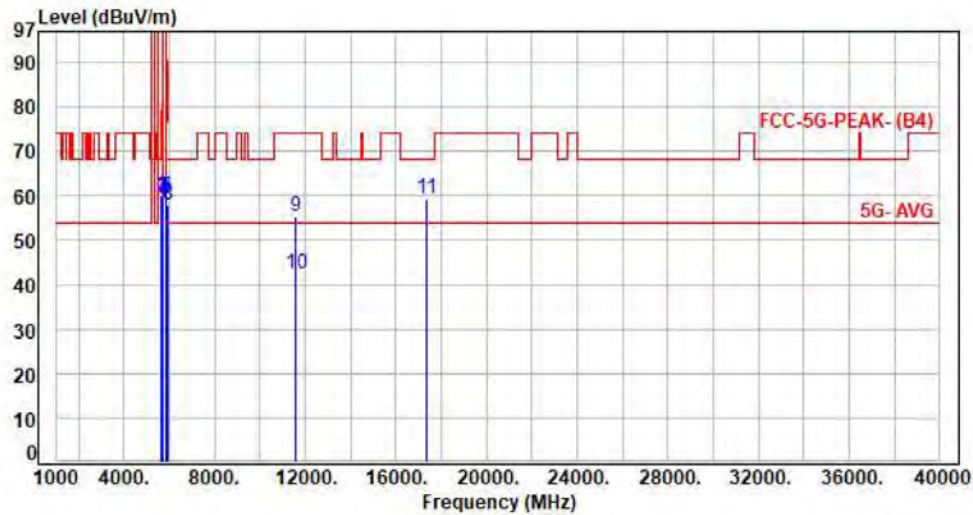


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	6.52	52.43	58.95	68.20	-9.25	Peak	100	215	P
2	5700.00	6.56	53.17	59.73	105.20	-45.47	Peak	100	215	P
3	5720.00	6.61	54.63	61.24	110.80	-49.56	Peak	100	209	P
4	5725.00	6.63	56.00	62.63	122.20	-59.57	Peak	100	278	P
5	11490.00	15.08	40.33	55.41	74.00	-18.59	Peak	100	342	P
6	11490.00	15.08	26.60	41.68	54.00	-12.32	Average	100	342	P
7	17235.00	20.94	38.38	59.32	68.20	-8.88	Peak	100	182	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	From System (AC120V/60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 6, Band 4, CH157		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	6.52	53.70	60.22	68.20	-7.98	Peak	100	160	P
2	5700.00	6.56	53.17	59.73	105.20	-45.47	Peak	100	122	P
3	5720.00	6.61	52.85	59.46	110.80	-51.34	Peak	100	214	P
4	5725.00	6.63	52.62	59.25	122.20	-62.95	Peak	100	245	P
5	5850.00	6.76	53.12	59.88	122.20	-62.32	Peak	100	57	P
6	5855.00	6.78	52.79	59.57	110.80	-51.23	Peak	100	271	P
7	5875.00	6.83	51.41	58.24	105.20	-46.96	Peak	100	294	P
8	5925.00	6.97	51.09	58.06	68.20	-10.14	Peak	100	29	P
9	11570.00	15.32	40.06	55.38	74.00	-18.62	Peak	100	108	P
10	11570.00	15.32	26.98	42.30	54.00	-11.70	Average	100	108	P
11	17355.00	21.54	37.93	59.47	68.20	-8.73	Peak	100	47	P

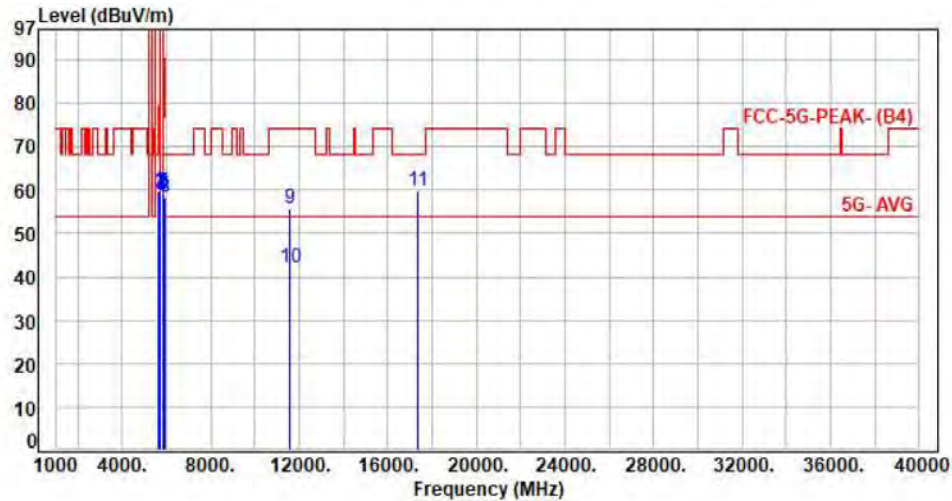
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	From System (AC120V/60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 6, Band 4, CH157		:	

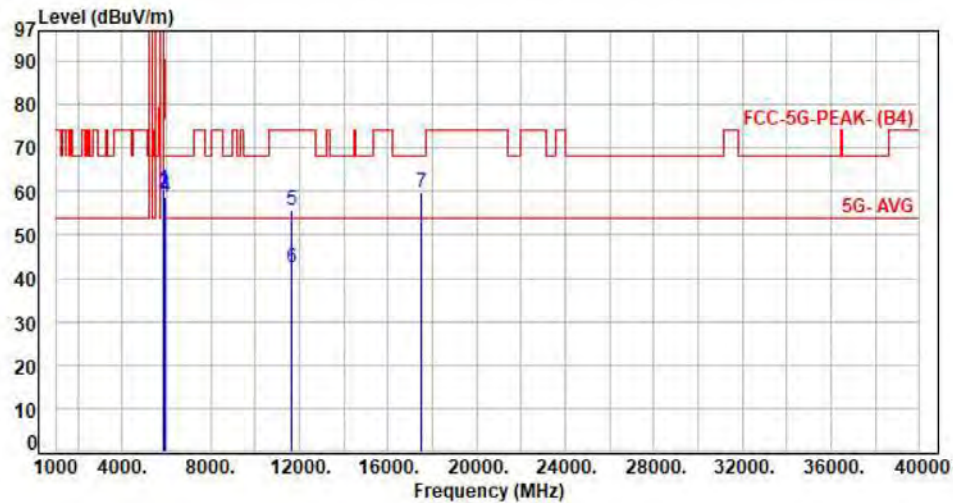


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	6.52	53.11	59.63	68.20	-8.57	Peak	100	205	P
2	5700.00	6.56	52.78	59.34	105.20	-45.86	Peak	100	41	P
3	5720.00	6.61	52.44	59.05	110.80	-51.75	Peak	100	202	P
4	5725.00	6.63	52.06	58.69	122.20	-63.51	Peak	100	129	P
5	5850.00	6.76	52.57	59.33	122.20	-62.87	Peak	100	44	P
6	5855.00	6.78	52.36	59.14	110.80	-51.66	Peak	100	312	P
7	5875.00	6.83	51.90	58.73	105.20	-46.47	Peak	100	160	P
8	5925.00	6.97	51.39	58.36	68.20	-9.84	Peak	100	123	P
9	11570.00	15.32	40.32	55.64	74.00	-18.36	Peak	100	262	P
10	11570.00	15.32	26.80	42.12	54.00	-11.88	Average	100	262	P
11	17355.00	21.54	38.13	59.67	68.20	-8.53	Peak	100	270	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	From System (AC120V/60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 6, Band 4, CH165		:	

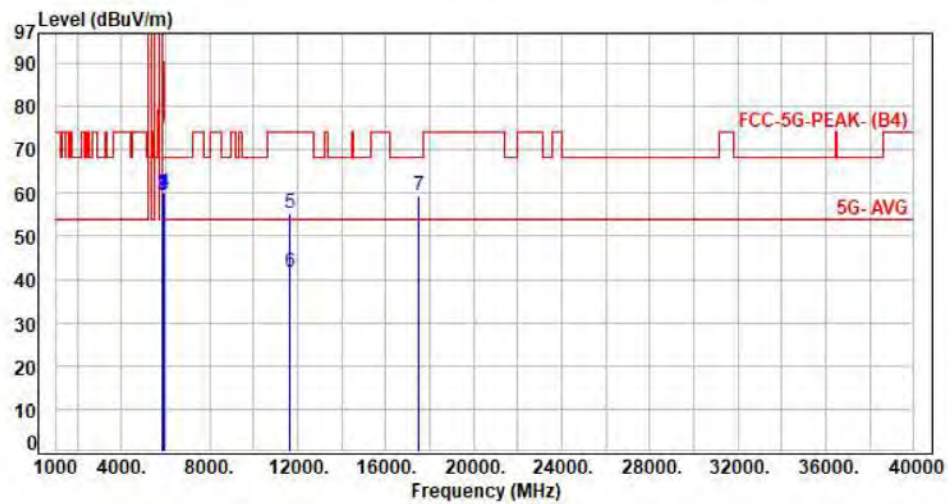


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5850.00	6.76	53.70	60.46	122.20	-61.74	Peak	100	185	P
2	5855.00	6.78	52.95	59.73	110.80	-51.07	Peak	100	201	P
3	5875.00	6.83	52.71	59.54	105.20	-45.66	Peak	100	112	P
4	5925.00	6.97	51.82	58.79	68.20	-9.41	Peak	100	233	P
5	11650.00	15.44	40.19	55.63	74.00	-18.37	Peak	100	135	P
6	11650.00	15.44	27.11	42.55	54.00	-11.45	Average	100	135	P
7	17475.00	22.45	37.22	59.67	68.20	-8.53	Peak	100	201	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	From System (AC120V/60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 6, Band 4, CH165		:	

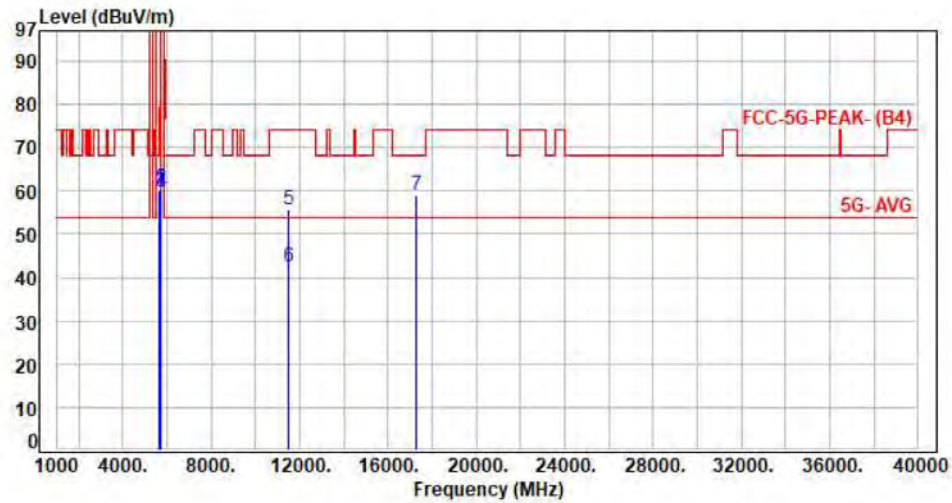


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5850.00	6.76	53.12	59.88	122.20	-62.32	Peak	100	218	P
2	5855.00	6.78	52.79	59.57	110.80	-51.23	Peak	100	145	P
3	5875.00	6.83	52.41	59.24	105.20	-45.96	Peak	100	208	P
4	5925.00	6.97	53.31	60.28	68.20	-7.92	Peak	100	176	P
5	11650.00	15.44	40.04	55.48	74.00	-18.52	Peak	100	143	P
6	11650.00	15.44	26.32	41.76	54.00	-12.24	Average	100	143	P
7	17475.00	22.45	37.00	59.45	68.20	-8.75	Peak	100	52	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	From System (AC120V/60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 7, Band 4, CH151		:	

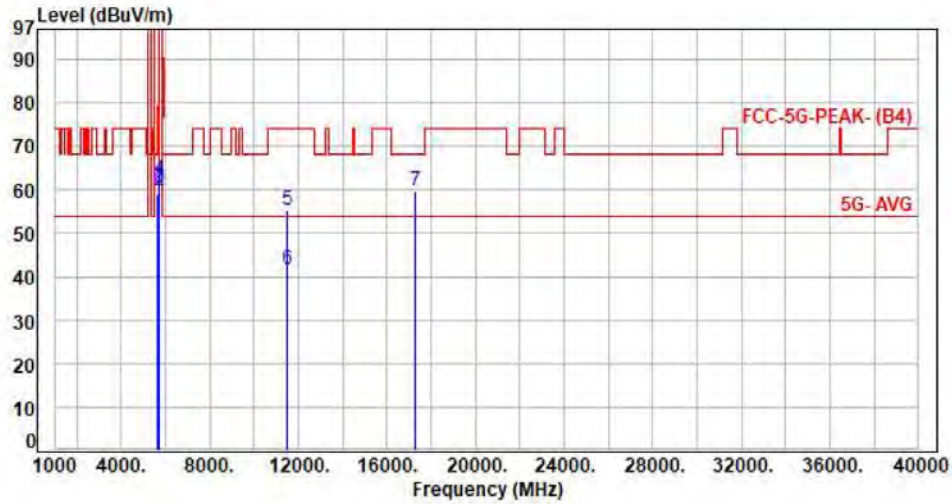


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	6.52	53.56	60.08	68.20	-8.12	Peak	100	225	P
2	5700.00	6.56	53.90	60.46	105.20	-44.74	Peak	100	153	P
3	5720.00	6.61	53.12	59.73	110.80	-51.07	Peak	100	180	P
4	5725.00	6.63	53.30	59.93	122.20	-62.27	Peak	100	114	P
5	11510.00	15.14	40.55	55.69	74.00	-18.31	Peak	100	243	P
6	11510.00	15.14	27.21	42.35	54.00	-11.65	Average	100	243	P
7	17265.00	21.10	38.04	59.14	68.20	-9.06	Peak	100	275	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	From System (AC120V/60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 7, Band 4, CH151		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	6.52	52.60	59.12	68.20	-9.08	Peak	100	221	P
2	5700.00	6.56	53.22	59.78	105.20	-45.42	Peak	100	201	P
3	5720.00	6.61	53.73	60.34	110.80	-50.46	Peak	100	133	P
4	5725.00	6.63	55.72	62.35	122.20	-59.85	Peak	100	181	P
5	11510.00	15.14	40.27	55.41	74.00	-18.59	Peak	100	43	P
6	11510.00	15.14	26.42	41.56	54.00	-12.44	Average	100	43	P
7	17265.00	21.10	38.55	59.65	68.20	-8.55	Peak	100	115	P

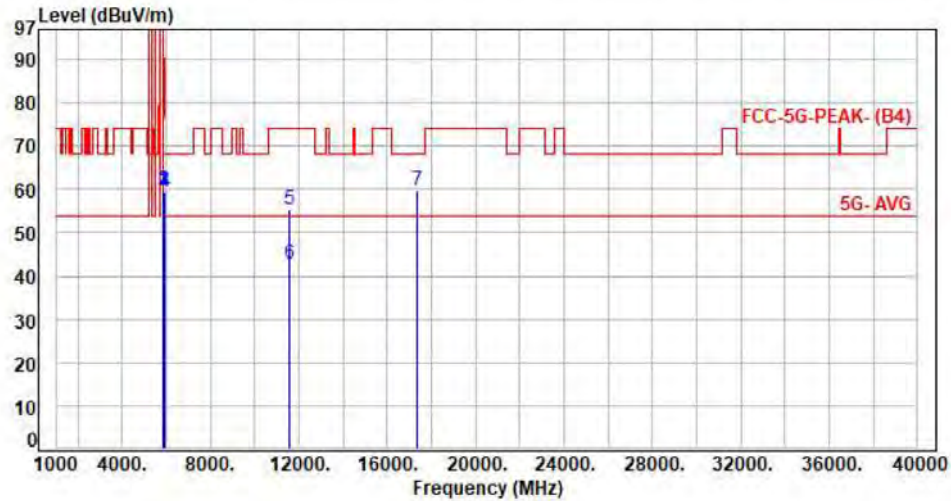
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	From System (AC120V/60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 7, Band 4, CH159		:	

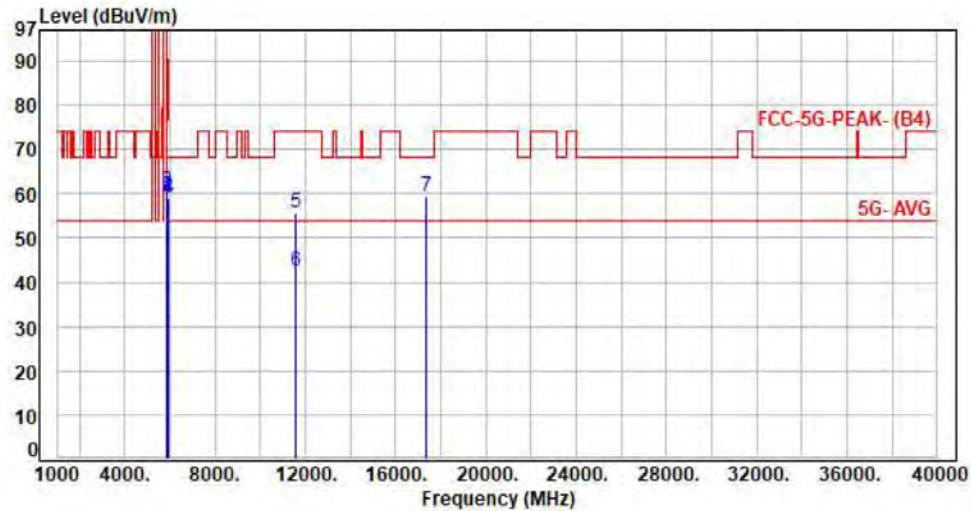


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5850.00	6.76	52.81	59.57	122.20	-62.63	Peak	100	201	P
2	5855.00	6.78	52.96	59.74	110.80	-51.06	Peak	100	141	P
3	5875.00	6.83	53.10	59.93	105.20	-45.27	Peak	100	183	P
4	5925.00	6.97	52.24	59.21	68.20	-8.99	Peak	100	180	P
5	11590.00	15.37	39.98	55.35	74.00	-18.65	Peak	100	185	P
6	11590.00	15.37	27.31	42.68	54.00	-11.32	Average	100	185	P
7	17385.00	21.67	37.99	59.66	68.20	-8.54	Peak	100	122	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	From System (AC120V/60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 7, Band 4, CH159		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5850.00	6.76	52.20	58.96	122.20	-63.24	Peak	100	125	P
2	5855.00	6.78	52.76	59.54	110.80	-51.26	Peak	100	225	P
3	5875.00	6.83	53.68	60.51	105.20	-44.69	Peak	100	253	P
4	5925.00	6.97	51.87	58.84	68.20	-9.36	Peak	100	136	P
5	11590.00	15.37	40.25	55.62	74.00	-18.38	Peak	100	123	P
6	11590.00	15.37	26.88	42.25	54.00	-11.75	Average	100	123	P
7	17385.00	21.67	37.54	59.21	68.20	-8.99	Peak	100	210	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



6.7. Restricted Bands of Operation

Only spurious emissions are permitted in any of the frequency bands listed below:

MHz	MHz	MHz	GHz
0.09000 – 0.11000	16.42000 – 16.42300	399.9 – 410.0	4.500 – 5.150
0.49500 – 0.505**	16.69475 – 16.69525	608.0 – 614.0	5.350 – 5.460
2.17350 – 2.19050	16.80425 – 16.80475	960.0 – 1240.0	7.250 – 7.750
4.12500 – 4.12800	25.50000 – 25.67000	1300.0 – 1427.0	8.025 – 8.500
4.17725 – 4.17775	37.50000 – 38.25000	1435.0 – 1626.5	9.000 – 9.200
4.20725 – 4.20775	73.00000 – 74.60000	1645.5 – 1646.5	9.300 – 9.500
6.21500 – 6.21800	74.80000 – 75.20000	1660.0 – 1710.0	10.600 – 12.700
6.26775 – 6.26825	108.00000 – 121.94000	1718.8 – 1722.2	13.250 – 13.400
6.31175 – 6.31225	123.00000 – 138.00000	2200.0 – 2300.0	14.470 – 14.500
8.29100 – 8.29400	149.90000 – 150.05000	2310.0 – 2390.0	15.350 – 16.200
8.36200 – 8.36600	156.52475 – 156.52525	2483.5 – 2500.0	17.700 – 21.400
8.37625 – 8.38675	156.70000 – 156.90000	2655.0 – 2900.0	22.010 – 23.120
8.41425 – 8.41475	162.01250 – 167.17000	3260.0 – 3267.0	23.600 – 24.000
12.29000 – 12.29300	167.72000 – 173.20000	3332.0 – 3339.0	31.200 – 31.800
12.51975 – 12.52025	240.00000 – 285.00000	3345.8 – 3358.0	36.430 – 36.500
12.57675 – 12.57725	322.00000 – 335.40000	3600.0 – 4400.0	Above 38.6
13.36000 – 13.41000			

** : Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz



7. On Time, Duty Cycle and Measurement methods

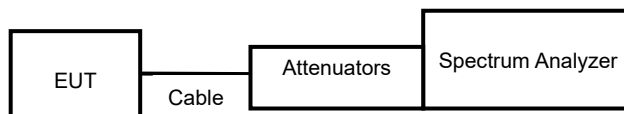
7.1. Test Limit

None; for reporting purposes only.

7.2. Test Procedure

KDB 789033 Zero-Span Spectrum Analyzer Method.

7.3. Test Setup Layout



7.4. Test Result and Data

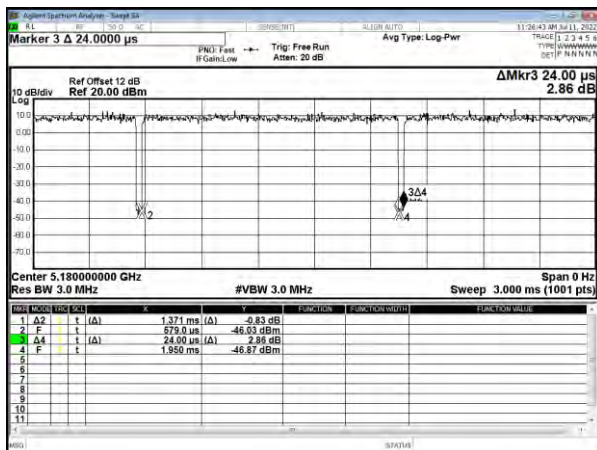
Modulation Type	On Time (ms)	Period Time (ms)	Duty Cycle (%)
802.11a,6M	1.37	1.40	98.28%
802.11ac VHT20	1.29	1.32	97.95%
802.11ac VHT40	0.64	0.67	95.39%
802.11ax HE20	1.00	1.03	97.37%
802.11ax HE40	0.52	0.55	94.35%

7.5. Measurement Methods

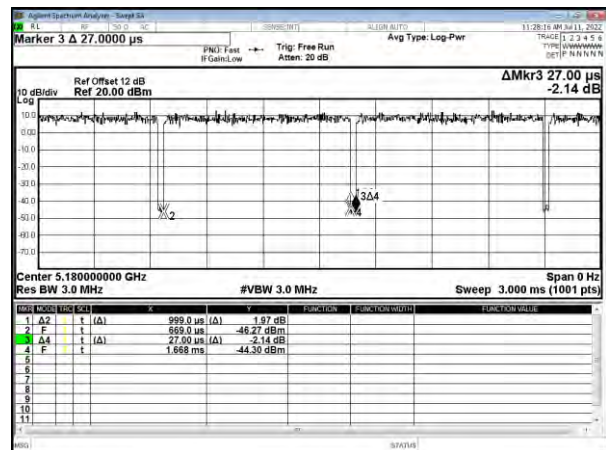
26 dB and 6dB Emission BW	KDB 789033 D02 v02r01, Section C
99% Occupied BW	KDB 789033 D02 v02r01, Section D
Conducted Output Power	KDB 789033 D02 v02r01, Section E.2.d and E.3.b (Method PM-G)
Power Spectral Density	KDB 789033 D02 v02r01, Section F
Unwanted emissions in restricted bands	KDB 789033 D02 v02r01, Sections G and H
Unwanted emissions in non-restricted bands	KDB 789033 D02 v02r01, Sections G and H



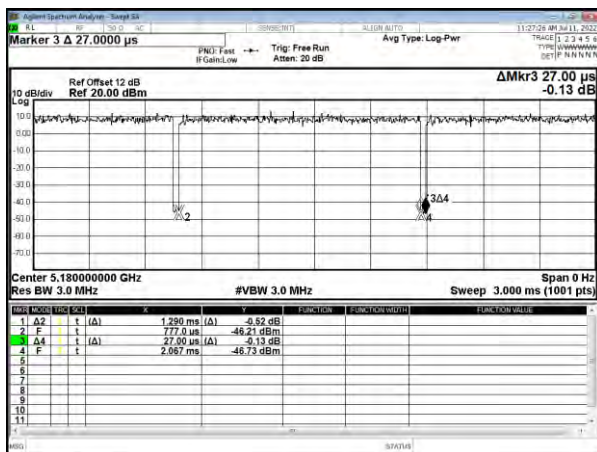
Modulation Type: 802.11a (6Mbps)



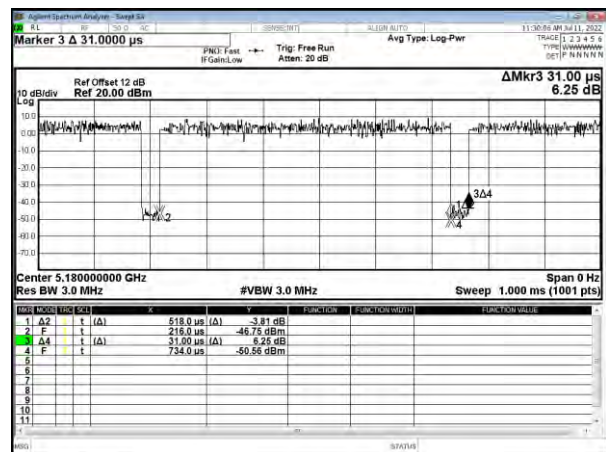
Modulation Type: 802.11ax HE20 (7.3Mbps)



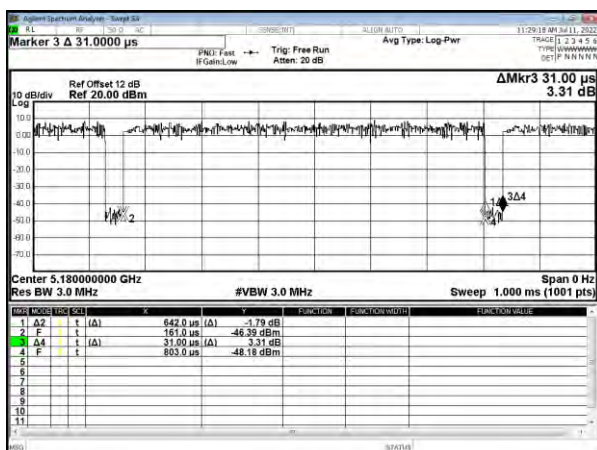
Modulation Type: 802.11ac VHT20 (6.5Mbps)



Modulation Type: 802.11ax HE40 (14.6Mbps)



Modulation Type: 802.11ac VHT40 (13.5Mbps)





8. 6dB Bandwidth & 99% Occupied Bandwidth

8.1. Test Limit

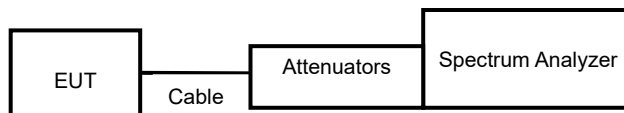
FCC §15.407

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

8.2. Test Procedure

Reference to 789033 D02 General UNII Test Procedures New Rules v01: The transmitter output is connected to a spectrum analyzer with the RBW set to 100KHz, the VBW $\geq 3 \times$ RBW, peak detector and max hold.

8.3. Test Setup Layout





8.4. Test Result and Data

In the 5.8G Band

Modulation Type	Channel	Frequency (MHz)	6dB Bandwidth(MHz)	Minimum Limit (MHz)
11a	149	5745	16.38	0.50
11a	157	5785	16.42	0.50
11a	165	5825	16.41	0.50
11ac VHT20	149	5745	17.63	0.50
11ac VHT20	157	5785	17.62	0.50
11ac VHT20	165	5825	17.66	0.50
11ac VHT40	151	5755	36.36	0.50
11ac VHT40	159	5795	36.34	0.50
11ax HE20	149	5745	18.90	0.50
11ax HE20	157	5785	18.99	0.50
11ax HE20	165	5825	18.75	0.50
11ax HE40	151	5755	37.88	0.50
11ax HE40	159	5795	37.94	0.50

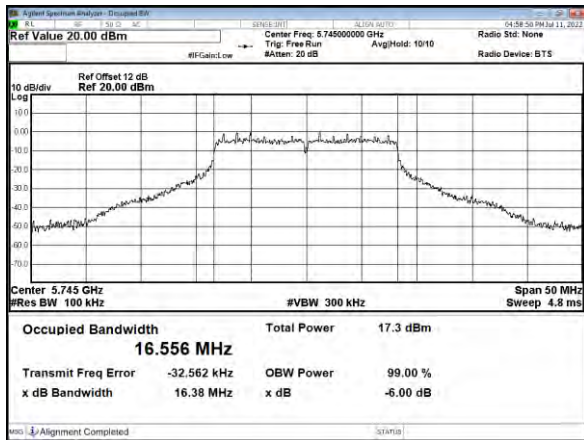
In the 5.8G Band

Modulation Type	Channel	Frequency (MHz)	99% Bandwidth(MHz)
11a	149	5745	16.98
11a	157	5785	16.94
11a	165	5825	16.98
11ac VHT20	149	5745	18.11
11ac VHT20	157	5785	18.02
11ac VHT20	165	5825	18.07
11ac VHT40	151	5755	36.66
11ac VHT40	159	5795	36.60
11ax HE20	149	5745	19.19
11ax HE20	157	5785	19.21
11ax HE20	165	5825	19.30
11ax HE40	151	5755	37.98
11ax HE40	159	5795	38.09

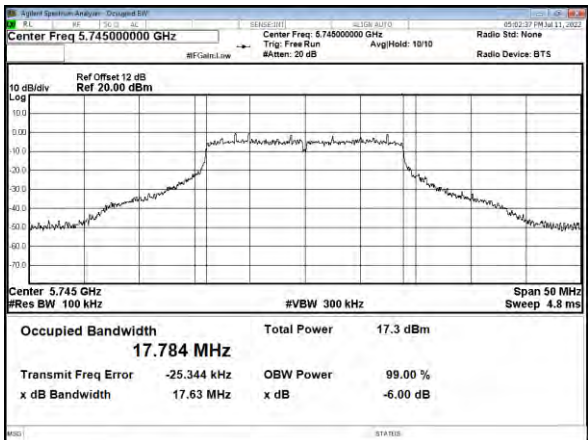


6dB Bandwidth

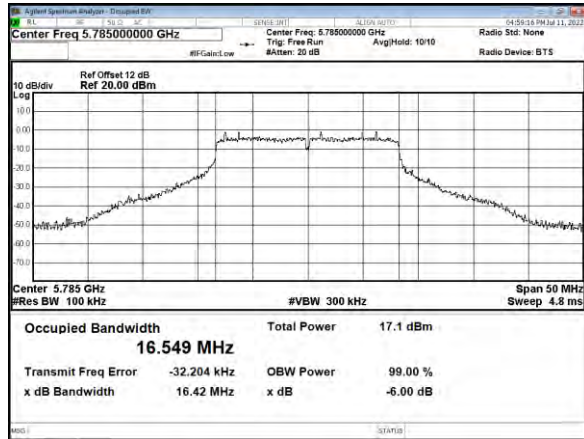
Modulation Type: 802.11a (6Mbps)
CH149



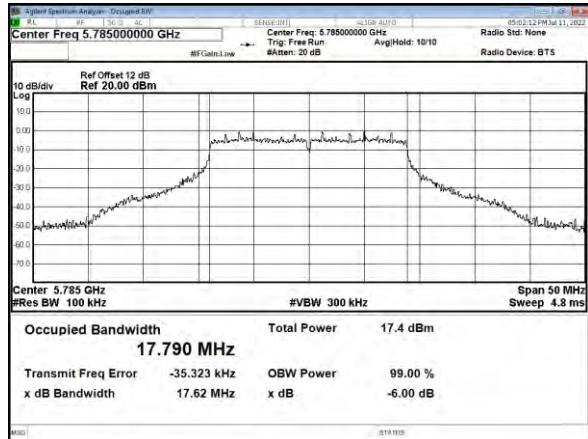
Modulation Type: 802.11ac, VHT20 (6.5Mbps)
CH149



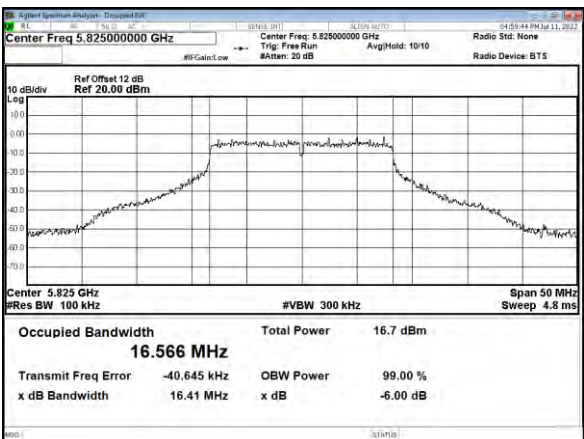
CH157



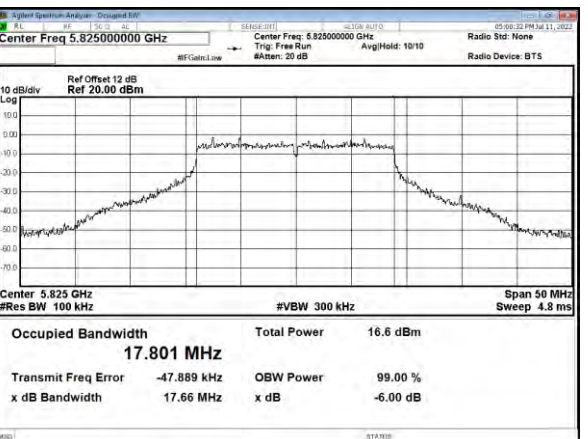
CH157



CH165

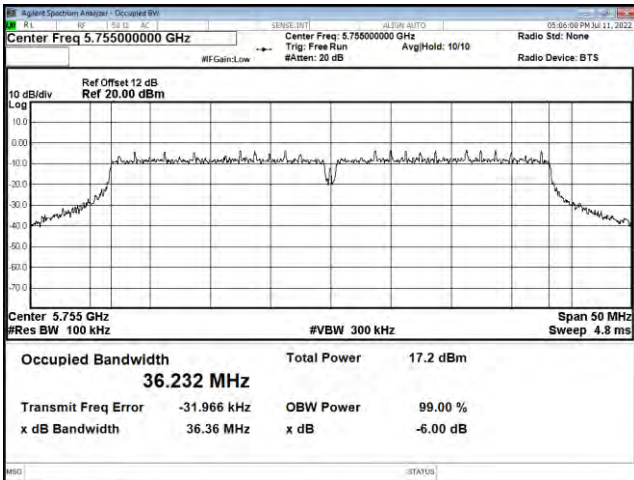


CH165

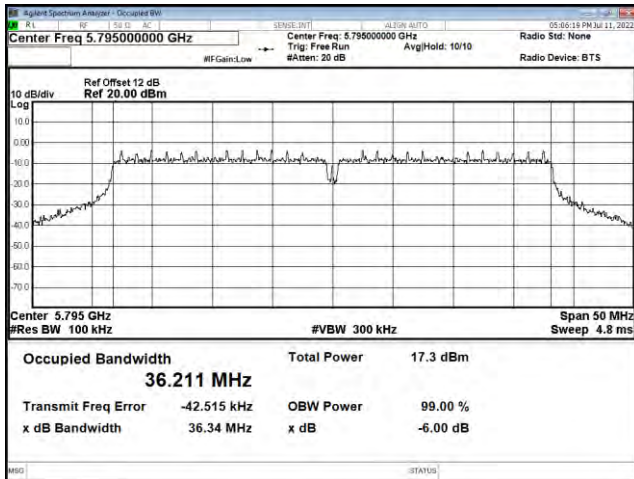




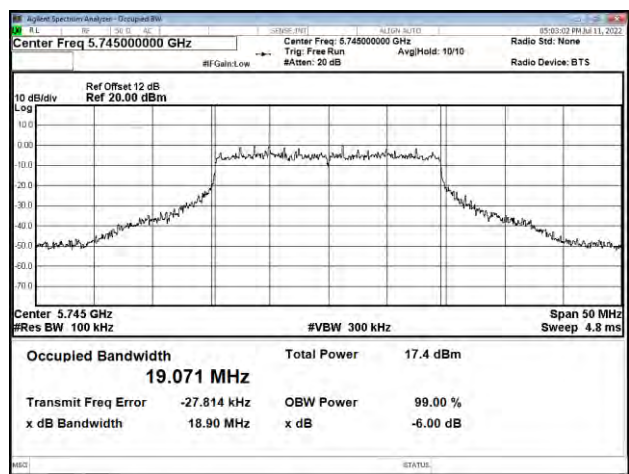
6dB Bandwidth
Modulation Type: 802.11ac, VHT40 (13.5Mbps)
CH151



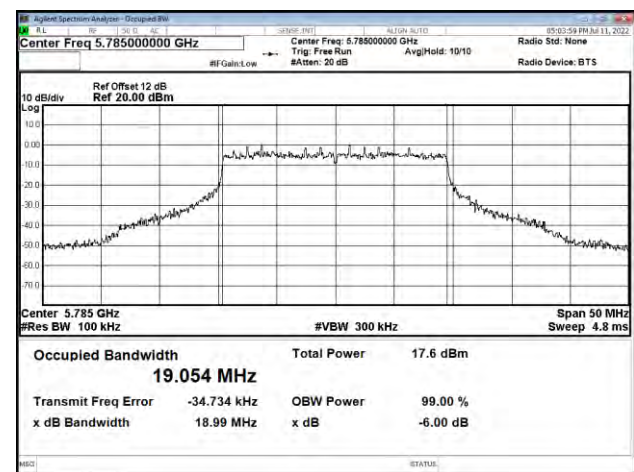
CH159



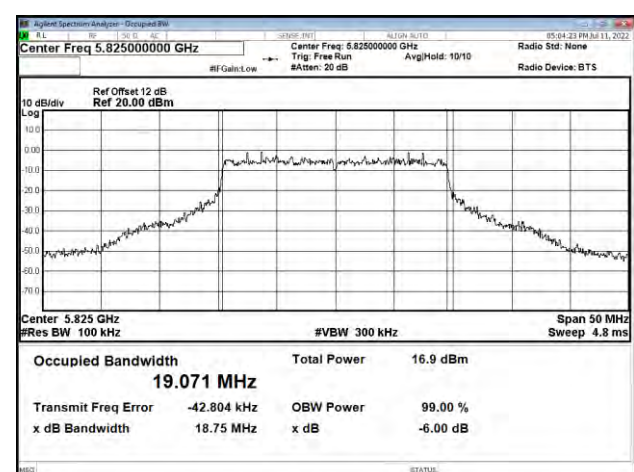
Modulation Type: 802.11ax HE20 (7.3Mbps)
CH149



CH157

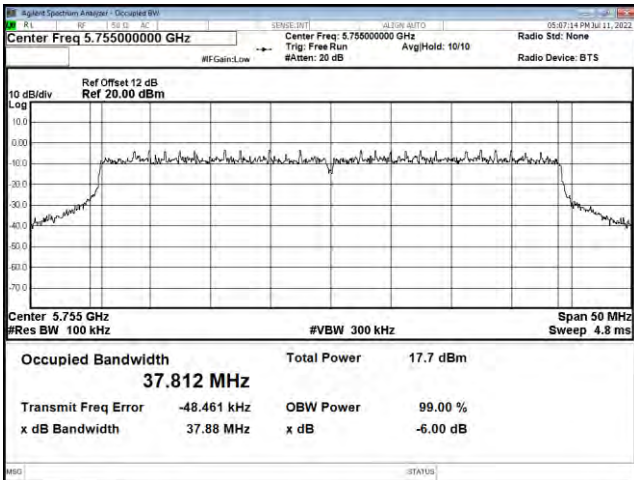


CH165

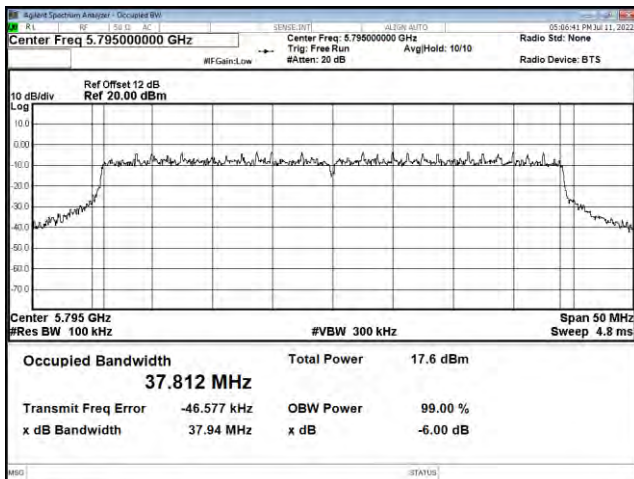




6dB Bandwidth
Modulation Type: 802.11ax HE40 (14.6Mbps)
CH151

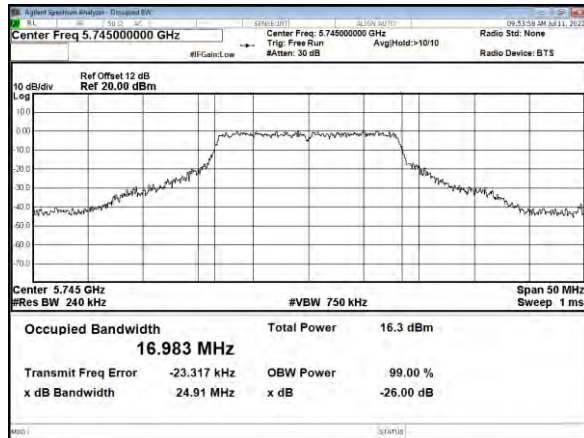


CH159

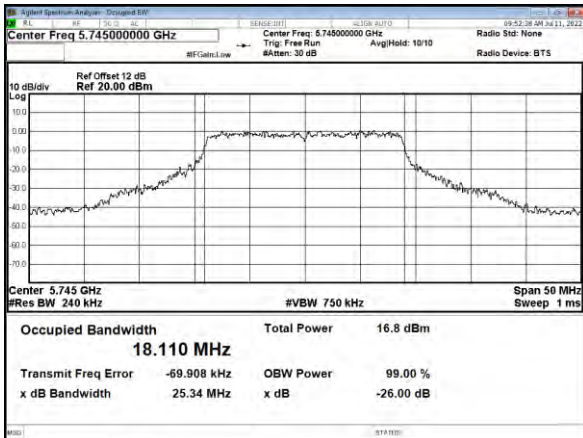




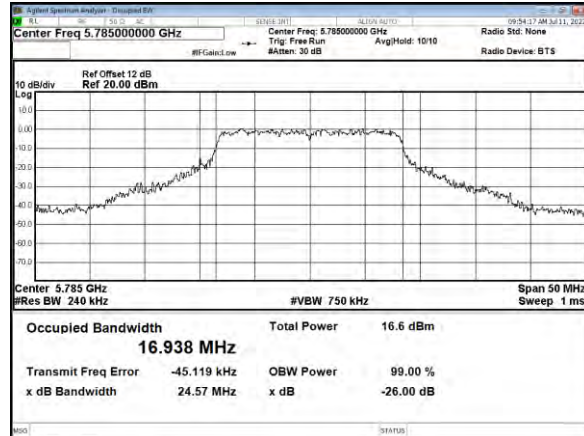
99% Occupied Bandwidth
Modulation Type: 802.11a (6Mbps)
CH149



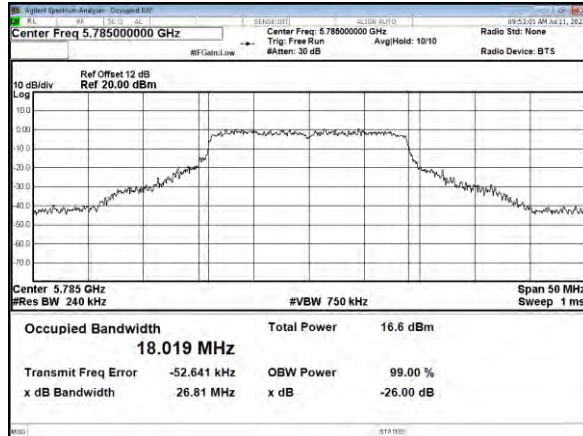
Modulation Type: 802.11ac, VHT20 (6.5Mbps)
CH149



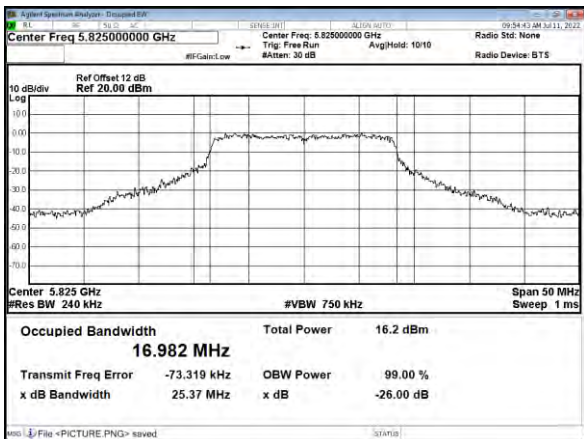
CH157



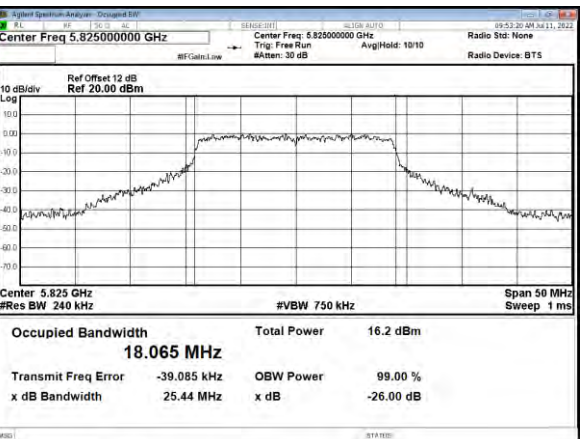
CH157



CH165

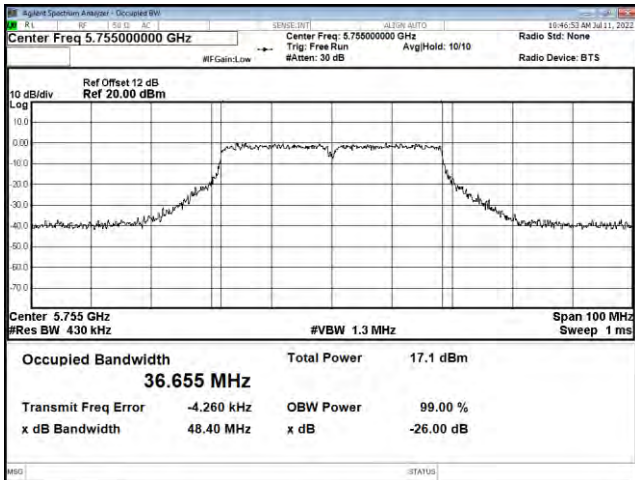


CH165

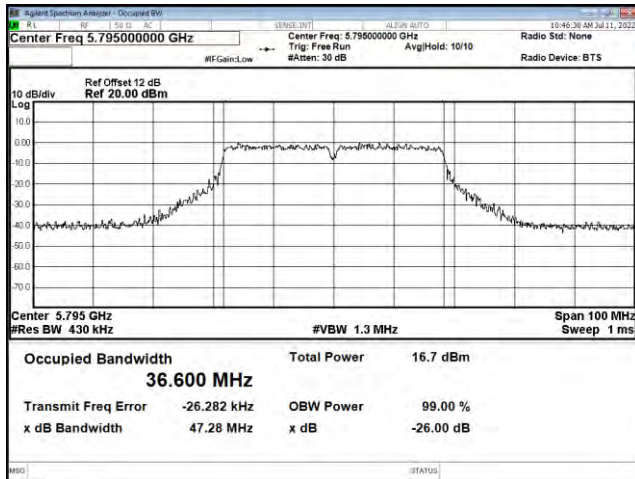




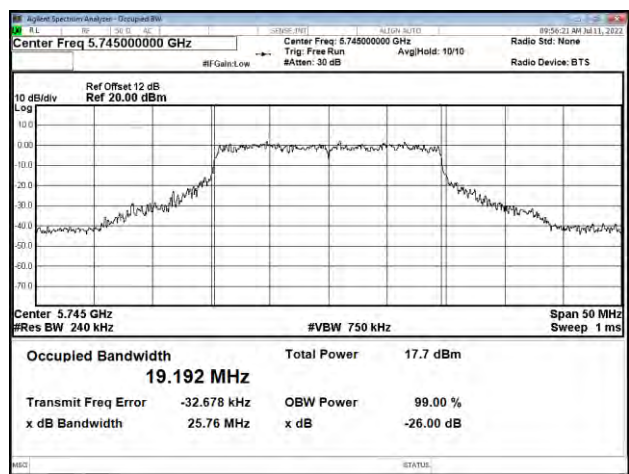
99% Occupied Bandwidth
Modulation Type: 802.11ac, VHT40 (13.5Mbps)
CH151



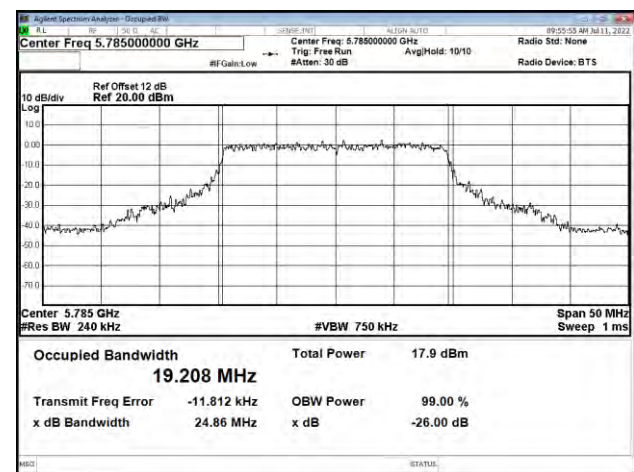
CH159



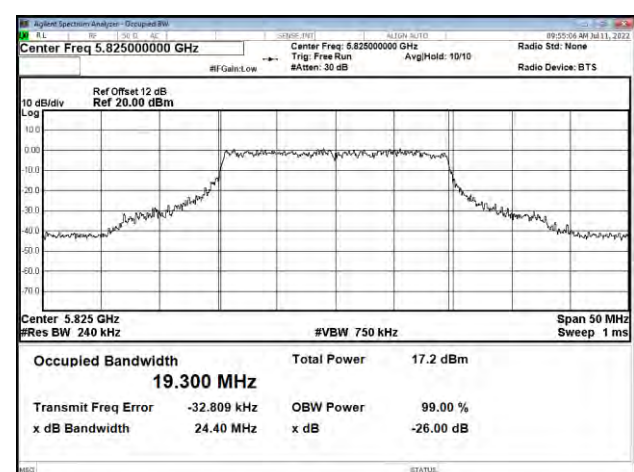
Modulation Type: 802.11ax HE20 (7.3Mbps)
CH149



CH157

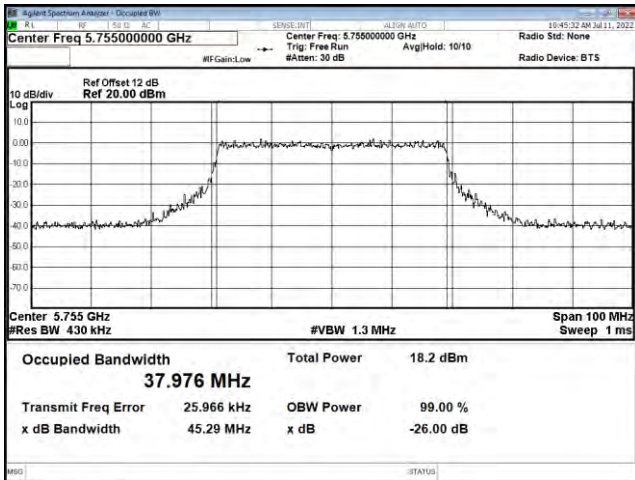


CH165

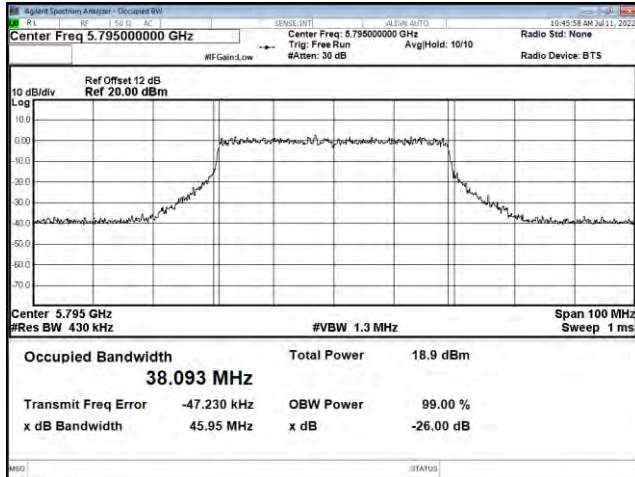




99% Occupied Bandwidth
Modulation Type: 802.11ax HE40 (14.6Mbps)
CH151



CH159





9. 26dB Bandwidth & 99% Occupied Bandwidth

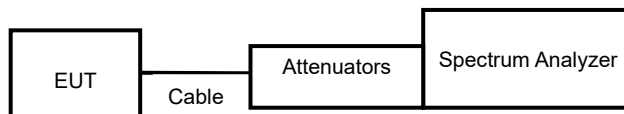
9.1. Test Limit

None; for reporting purposes only.

9.2. Test Procedure

Reference to 789033 D02 General UNII Test Procedures New Rules v01: The transmitter output is connected to a spectrum analyzer with the RBW = approximately 1% of the emission bandwidth, the VBW $\geq 3 \times$ RBW, peak detector and max hold.

9.3. Test Setup Layout



9.4. Test Result and Data

26dB Bandwidth

In the 5.2G Band

Mode	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
802.11a	36	5180	24.62
	44	5220	24.05
	48	5240	24.34
802.11ac VHT20	36	5180	25.2
	44	5220	24.96
	48	5240	24.97
802.11ac VHT40	38	5190	47.41
	46	5230	46.44
802.11ax HE20	36	5180	24.57
	44	5220	25.07
	48	5240	24.86
802.11ax HE40	38	5190	45.02
	46	5230	44.75

**In the 5.3G Band**

Mode	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
802.11a	52	5260	25.92
	60	5300	24.54
	64	5320	24.22
802.11ac VHT20	52	5260	25.46
	60	5300	25.94
	64	5320	25.51
802.11ac VHT40	54	5270	47.85
	62	5310	48.03
802.11ax HE20	52	5260	24
	60	5300	25.39
	64	5320	25.65
802.11ax HE40	54	5270	45.01
	62	5310	45.76

In the 5.5G Band

Mode	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
802.11a	100	5500	25.13
	116	5580	24.46
	140	5700	24.12
802.11ac VHT20	100	5500	25.08
	116	5580	25.52
	140	5700	25.9
802.11ac VHT40	102	5510	45.58
	118	5590	48.87
	134	5670	45.53
802.11ax HE20	100	5500	25.72
	116	5580	25.52
	140	5700	25.91
802.11ax HE40	102	5510	44.55
	118	5590	45.48
	134	5670	44

**99% Occupied Bandwidth****In the 5.2G Band**

Mode	Channel	Frequency (MHz)	99% Bandwidth(MHz)
802.11a	36	5180	16.898
	44	5220	16.975
	48	5240	16.92
802.11ac VHT20	36	5180	18.086
	44	5220	18.118
	48	5240	18.247
802.11ac VHT40	38	5190	36.671
	46	5230	36.596
802.11ax HE20	36	5180	19.29
	44	5220	19.19
	48	5240	19.15
802.11ax HE40	38	5190	37.98
	46	5230	38.05

In the 5.3G Band

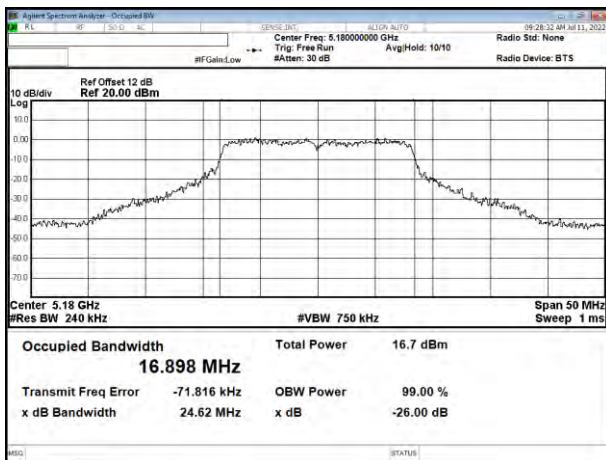
Mode	Channel	Frequency (MHz)	99% Bandwidth(MHz)
802.11a	52	5260	16.955
	60	5300	16.962
	64	5320	16.967
802.11ac VHT20	52	5260	18.12
	60	5300	18.12
	64	5320	18.13
802.11ac VHT40	54	5270	36.74
	62	5310	36.64
802.11ax HE20	52	5260	19.31
	60	5300	19.24
	64	5320	19.28
802.11ax HE40	54	5270	38.02
	62	5310	37.98

**In the 5.5G Band**

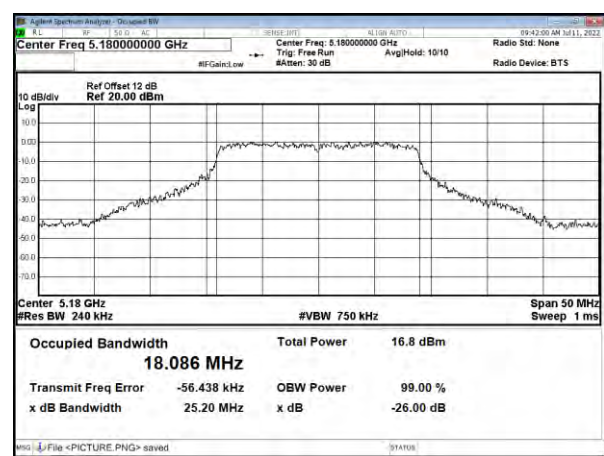
Mode	Channel	Frequency (MHz)	99% Bandwidth(MHz)
802.11a	100	5500	16.96
	116	5580	17.04
	140	5700	16.91
802.11ac VHT20	100	5500	18.07
	116	5580	18.06
	140	5700	18.15
802.11ac VHT40	102	5510	36.55
	118	5590	36.66
	134	5670	36.76
802.11ax HE20	100	5500	19.22
	116	5580	19.20
	140	5700	19.20
802.11ax HE40	102	5510	38.03
	118	5590	38.04
	134	5670	38.11



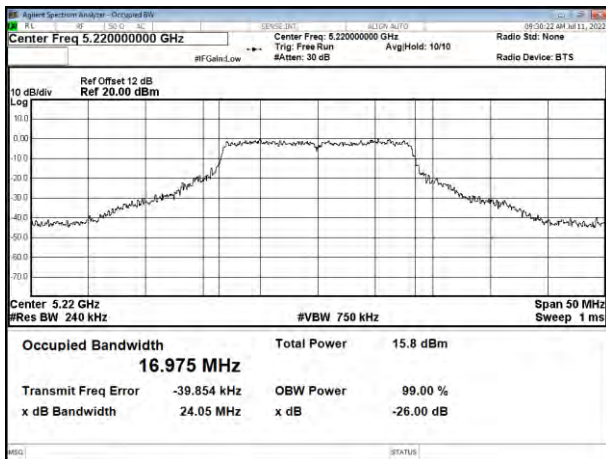
26dB Bandwidth & 99% Bandwidth
Modulation Type: 802.11a (6Mbps)
CH36



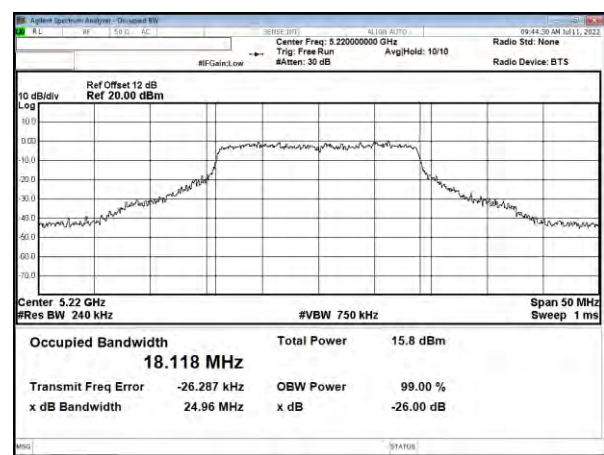
Modulation Type: 802.11ac VHT20 (6.5Mbps)
CH36



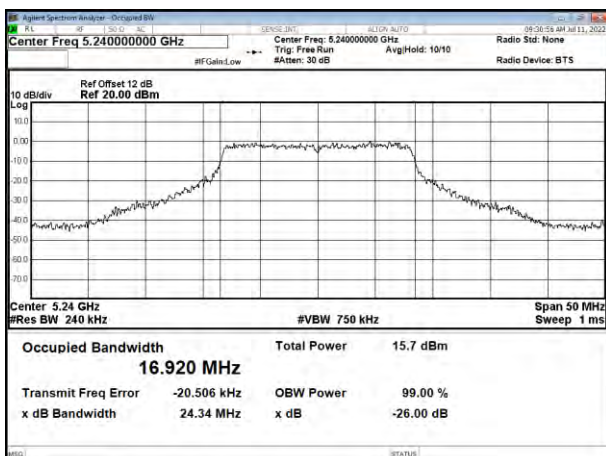
CH44



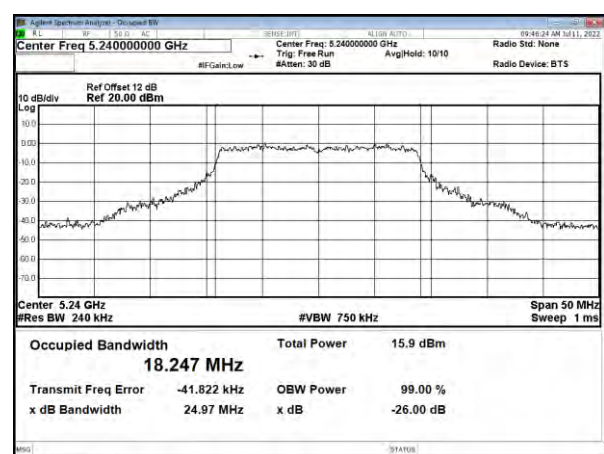
CH44



CH48

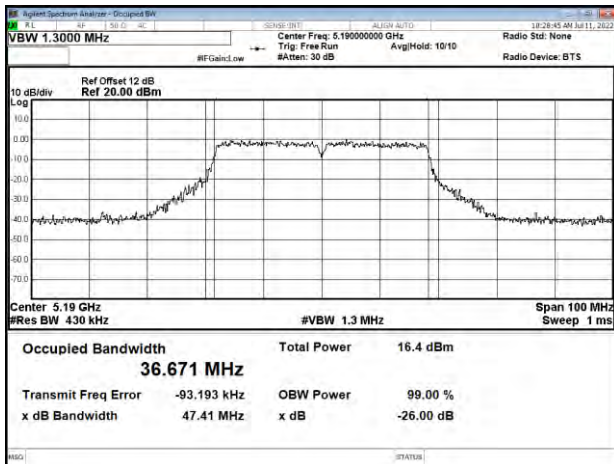


CH48

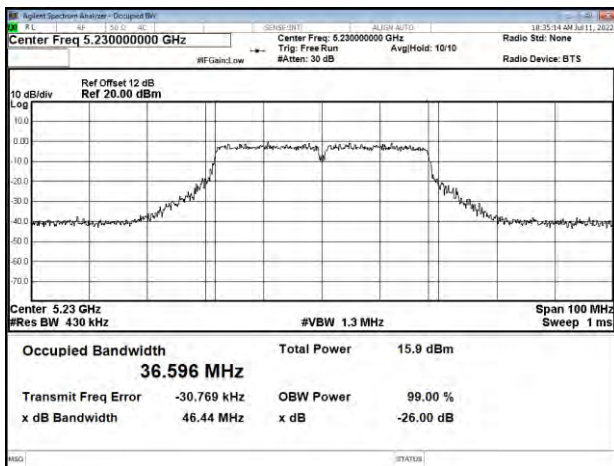
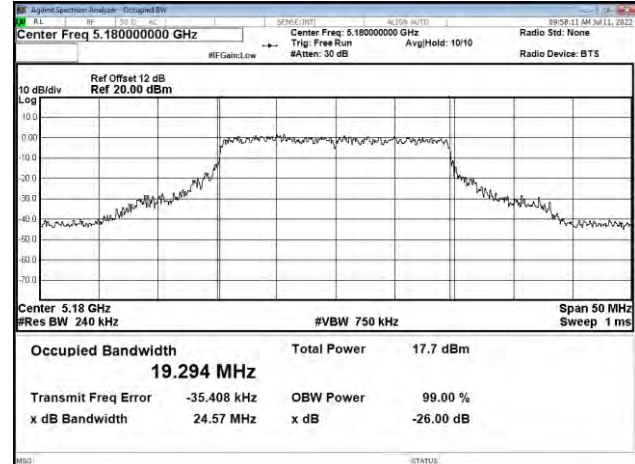




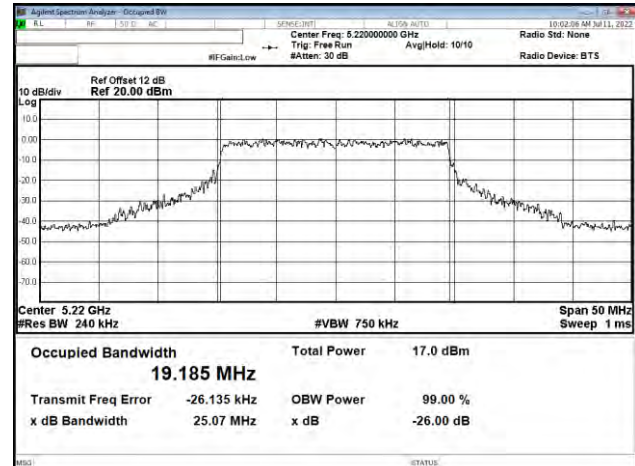
26dB Bandwidth & 99% Bandwidth

Modulation Type: 802.11ac VHT40 (6.5Mbps)
CH38

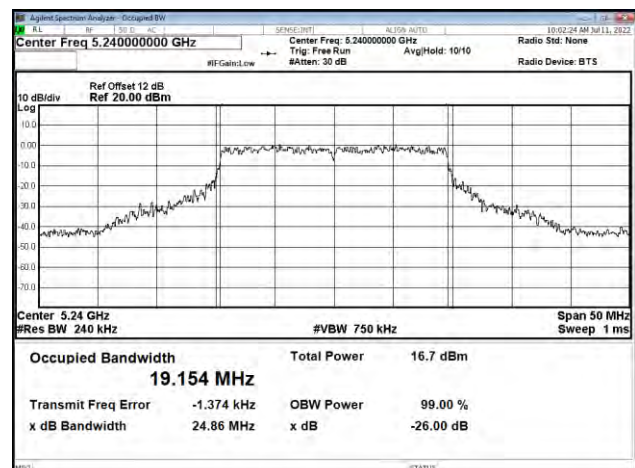
CH46

Modulation Type: 802.11ax HE20 (7.3Mbps)
CH36

CH44

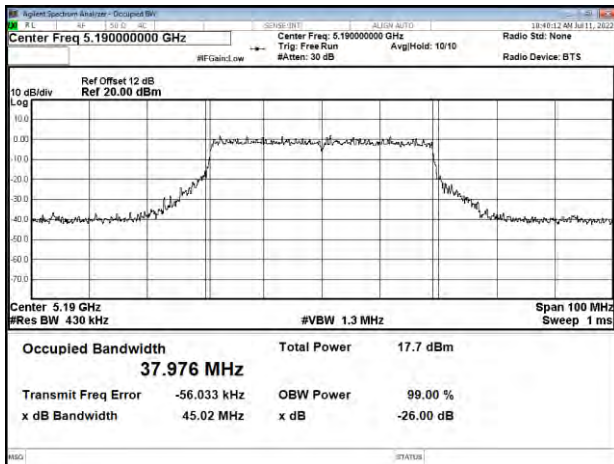


CH48

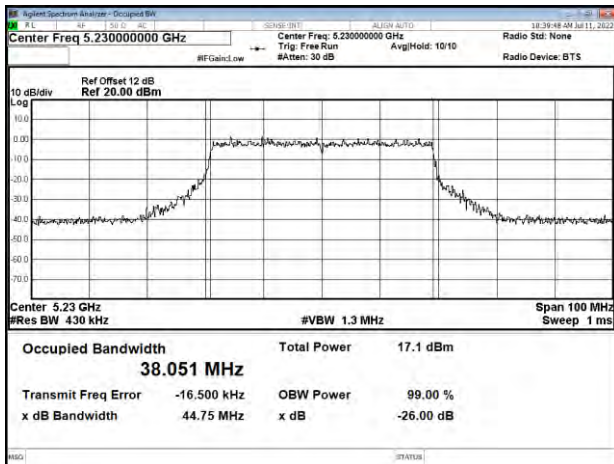




26dB Bandwidth & 99% Bandwidth
Modulation Type: 802.11ax HE40 (14.6Mbps)
CH38

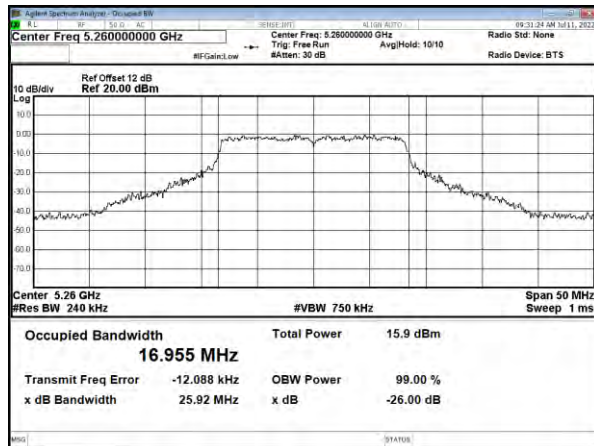


CH46

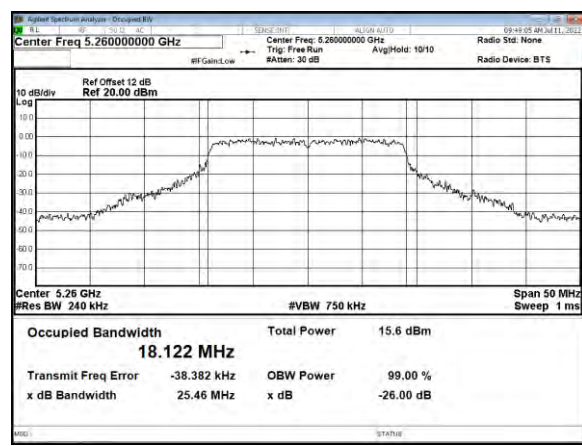




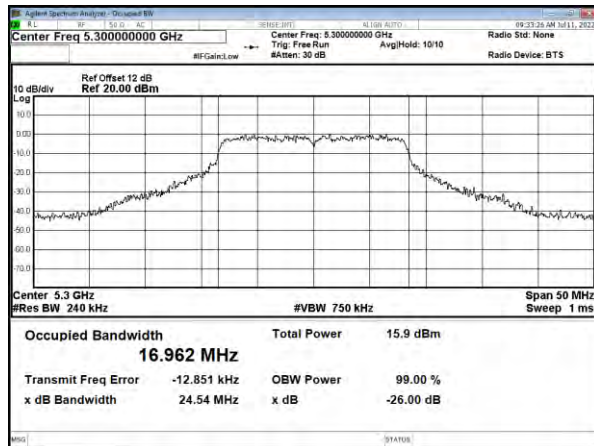
26dB Bandwidth & 99% Bandwidth
Modulation Type: 802.11a (6Mbps)
CH52



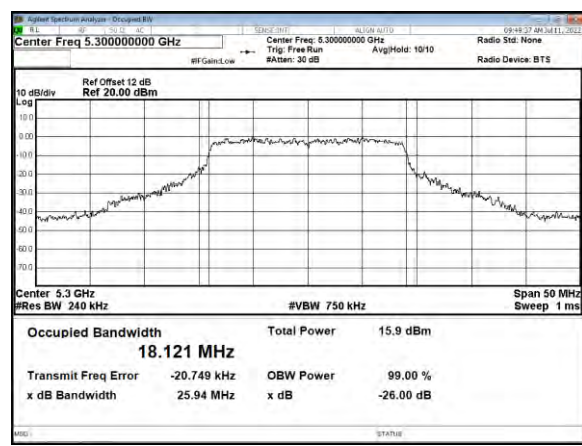
Modulation Type: 802.11ac VHT20 (6.5Mbps)
CH52



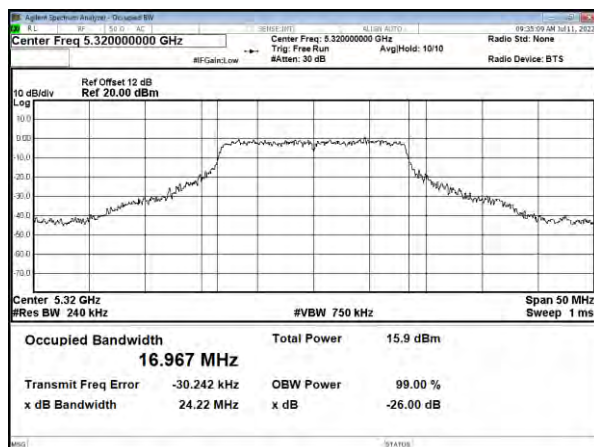
CH60



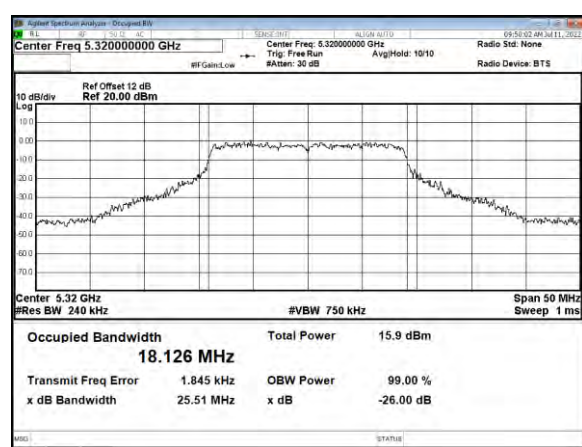
CH60



CH64

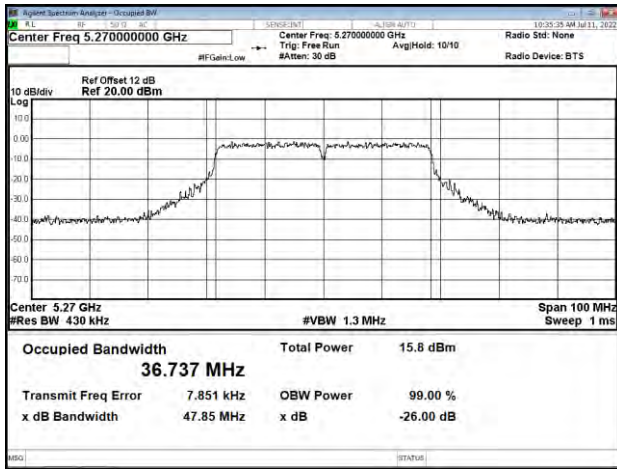


CH64

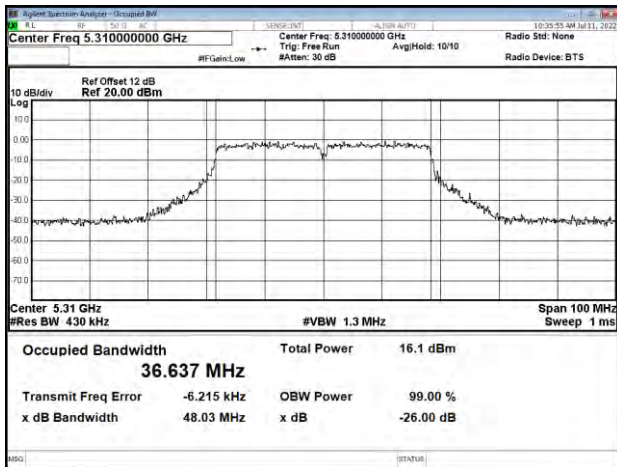




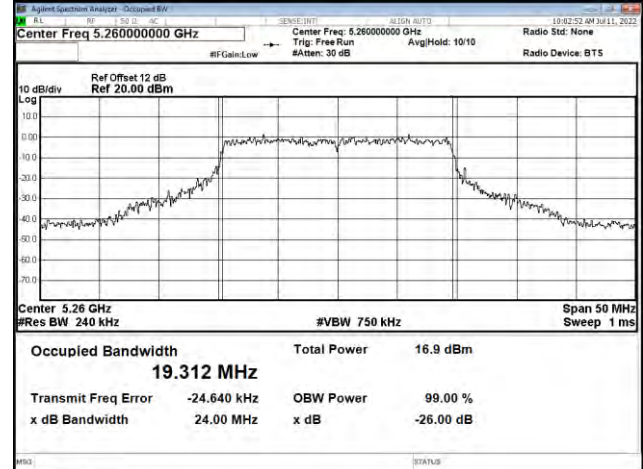
26dB Bandwidth & 99% Bandwidth
Modulation Type: 802.11ac VHT40 (6.5Mbps)
CH54



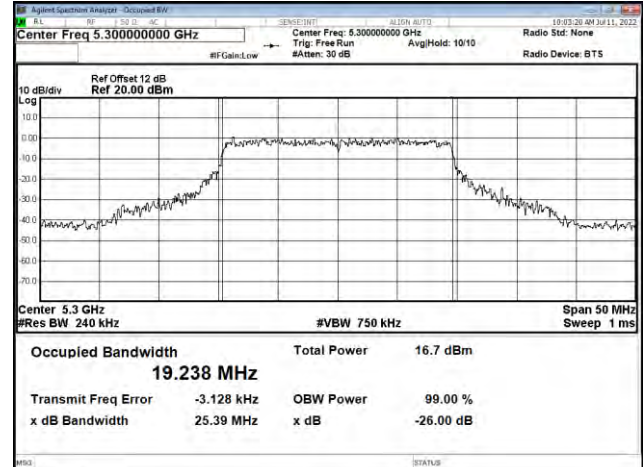
CH62



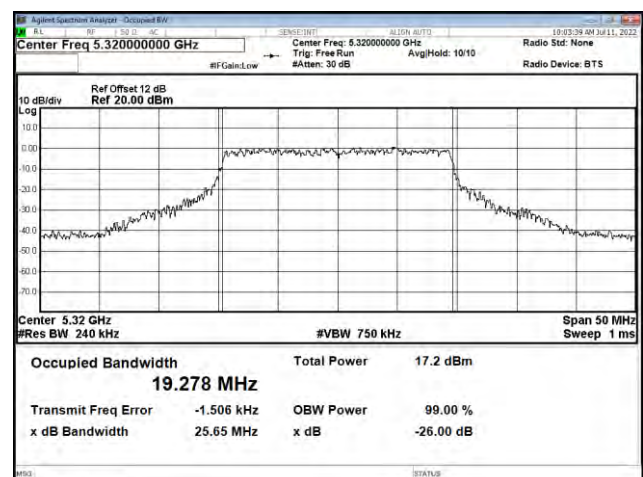
Modulation Type: 802.11ax HE20 (7.3Mbps)
CH52



CH60



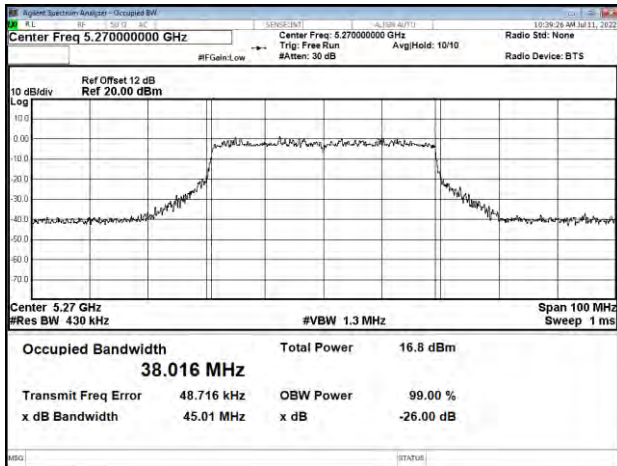
CH64



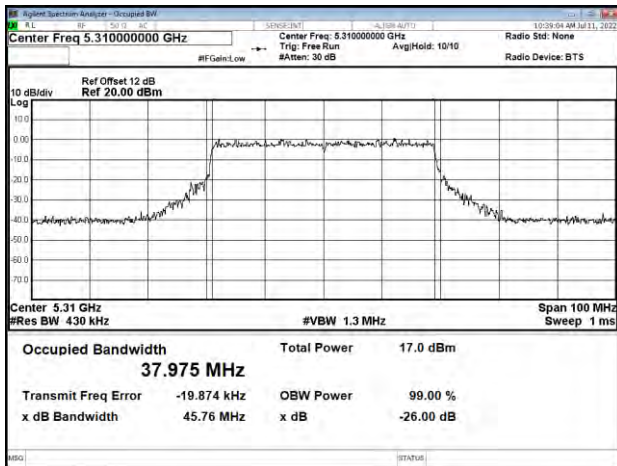


26dB Bandwidth & 99% Bandwidth

Modulation Type: 802.11ax HE40 (14.6Mbps)
CH54

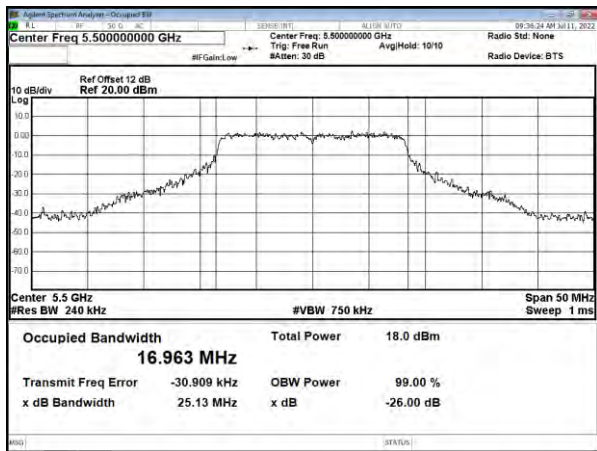


CH62

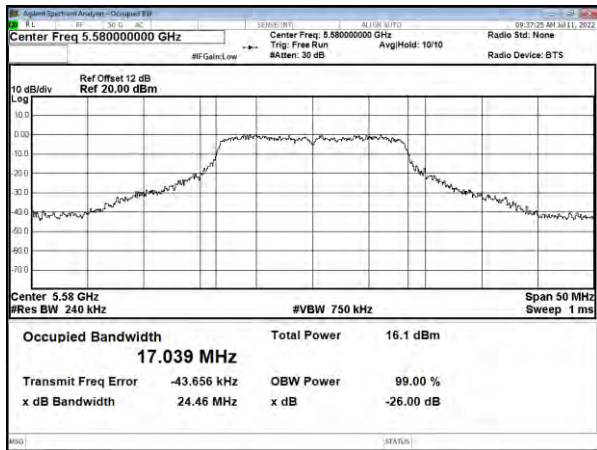




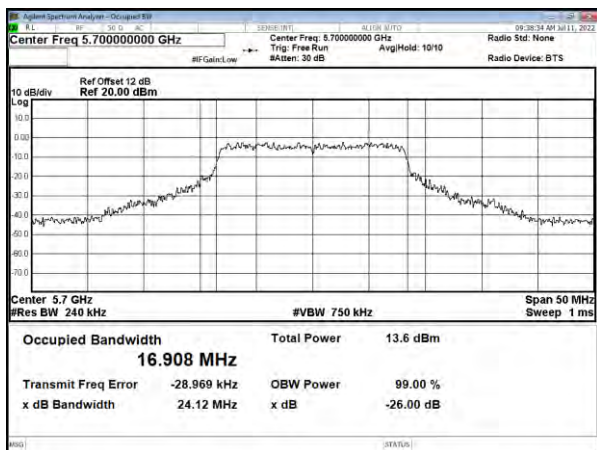
26dB Bandwidth & 99% Bandwidth
Modulation Type: 802.11a (6Mbps)
CH100



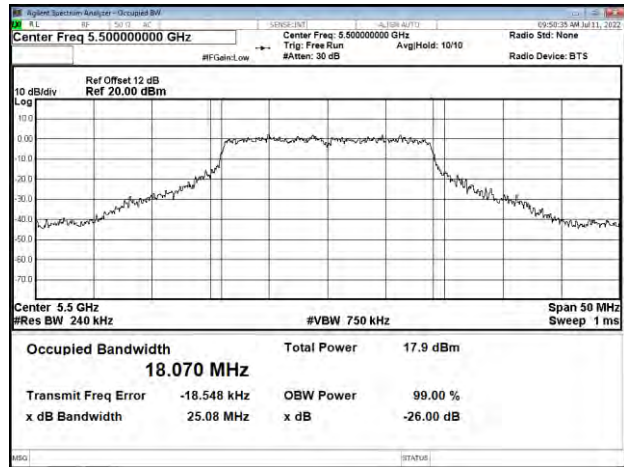
CH116



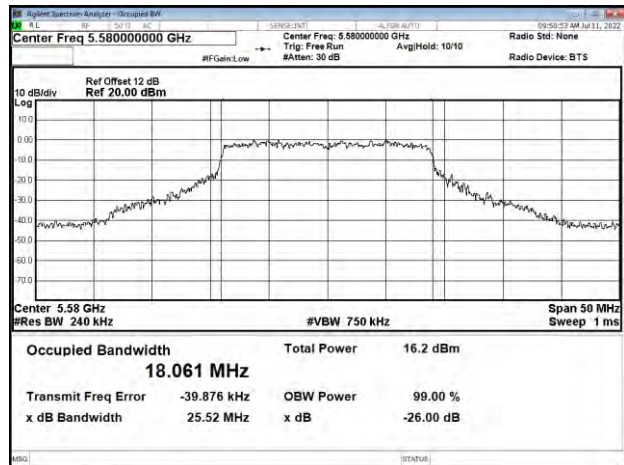
CH140



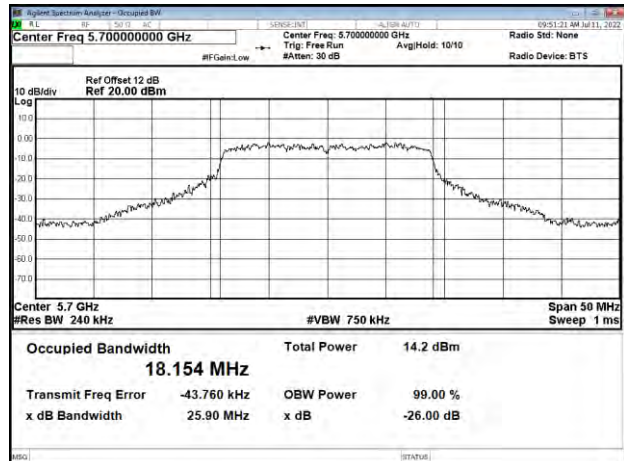
Modulation Type: 802.11ac VHT20 (6.5Mbps)
CH100



CH116

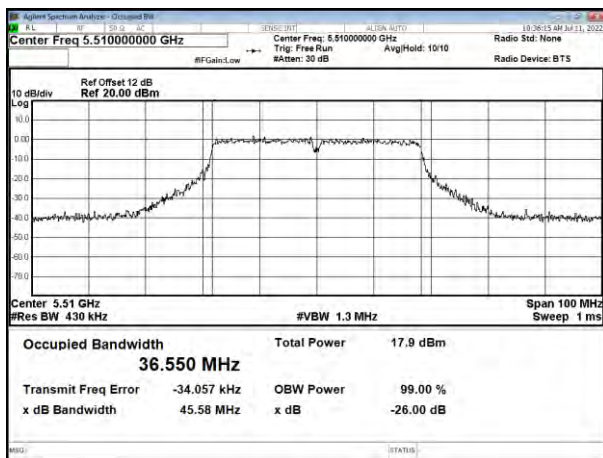


CH140

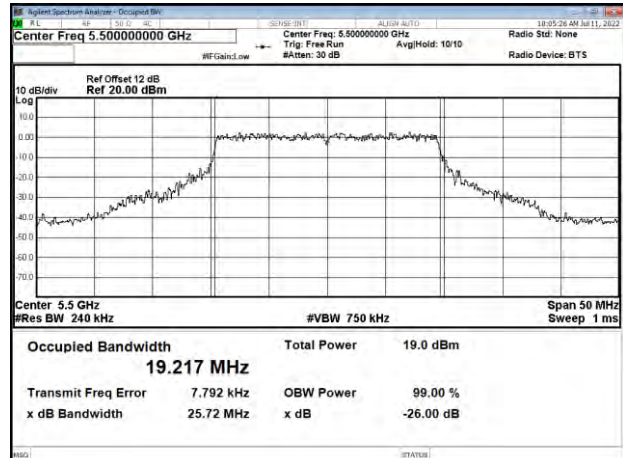




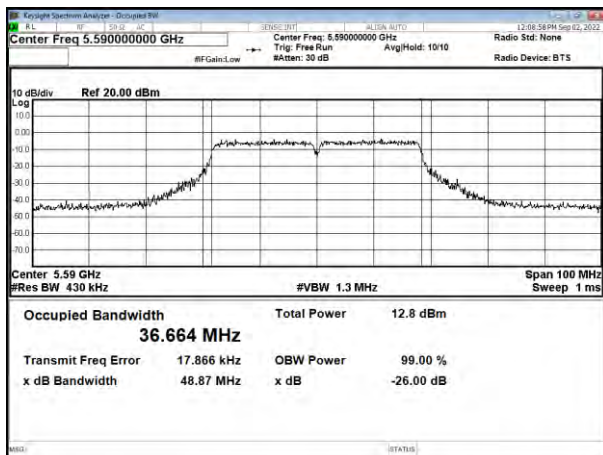
26dB Bandwidth & 99% Bandwidth
Modulation Type: 802.11ac VHT40 (6.5Mbps)
CH102



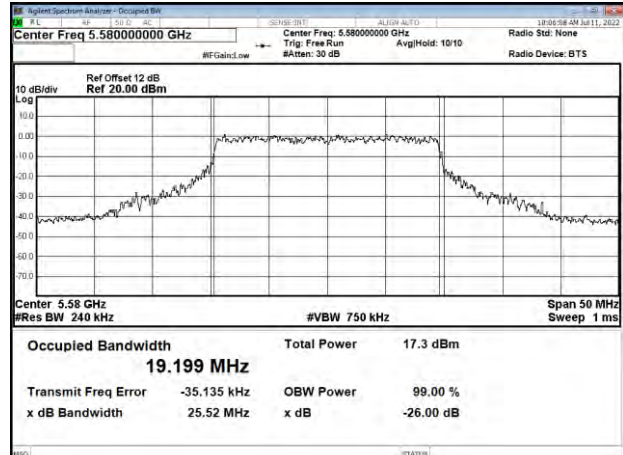
Modulation Type: 802.11ax HE20 (7.3Mbps)
CH100



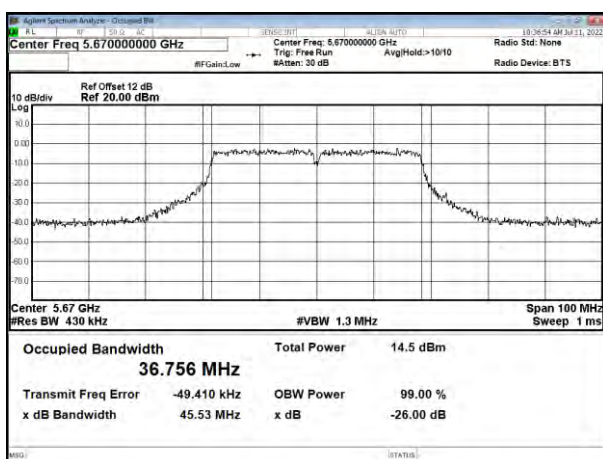
CH118



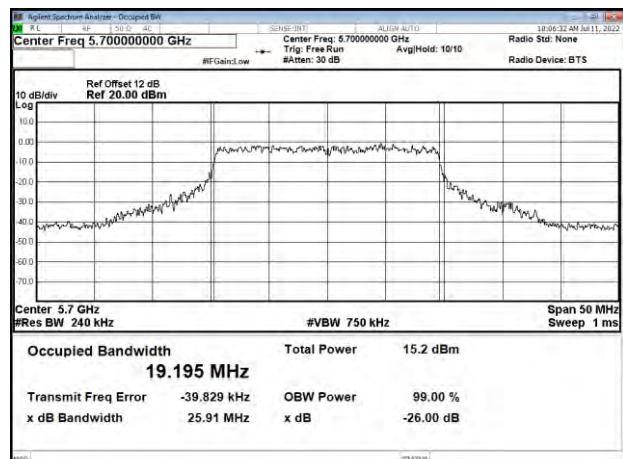
CH116



CH134

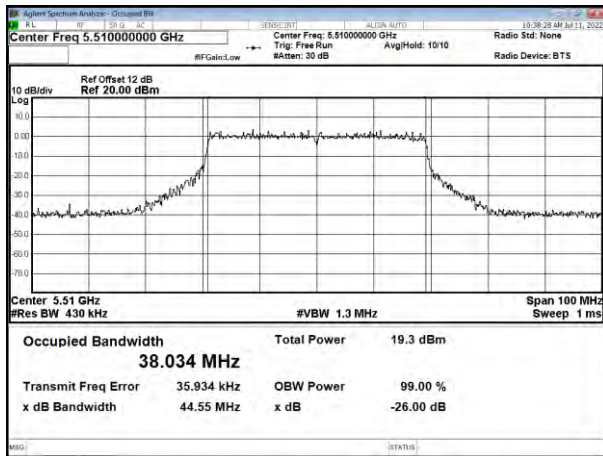


CH140

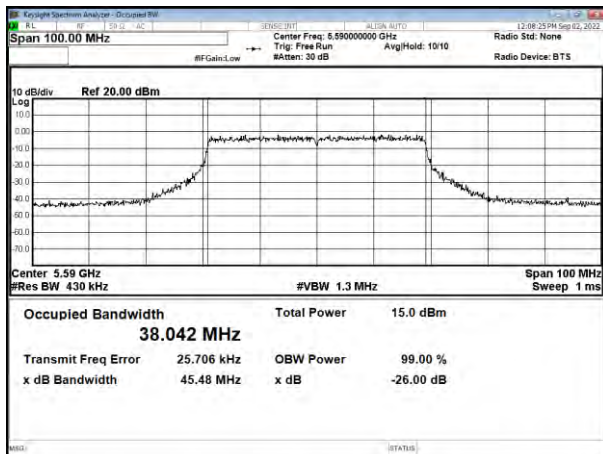




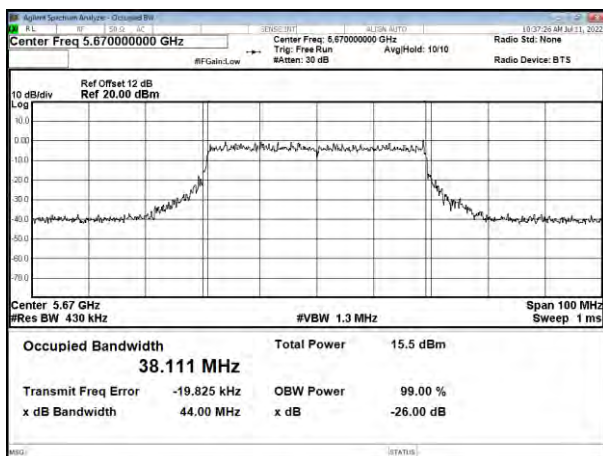
26dB Bandwidth & 99% Bandwidth
Modulation Type: 802.11ax HE40 (14.6Mbps)
CH102



CH118



CH134





10. Average Power

10.1. Test Limit

Output Power:

Frequency Band		Limit
☒	5.15~5.25GHz	
	Operating Mode	
☐	Outdoor access point	The maximum conducted output power over the frequency band of operation shall not exceed 1 W (30dBm) provided the maximum antenna gain does not exceed 6 dBi. 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. The maximum e.i.r.p. at any elevation angle above 30degrees as measured from the horizon must not exceed 125 mW (21 dBm).
☐	Indoor access point	The maximum conducted output power over the frequency band of operation shall not exceed 1 W (30dBm) provided the maximum antenna gain does not exceed 6 dBi. 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.
☐	Fixed point-to-point access points	The maximum conducted output power over the frequency band of operation shall not exceed 1 W (30dBm). Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi.
☒	client devices	The maximum conducted output power over the frequency band of operation shall not exceed 250 mW (24dBm) provided the maximum antenna gain does not exceed 6 dBi. 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.



Frequency Band		Limit
☒	5.25-5.35 GHz	The maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW (24dBm) or 11 dBm 10 log B, where B is the 26 dB emission bandwidth in megahertz. 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.
☒	5.470-5.725 GHz	
☒	5.725~5.85 GHz	The maximum conducted output power over the frequency band of operation shall not exceed 1 W (30dBm). 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. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power.

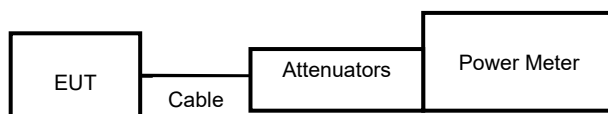
10.2.Test Procedure

According to the methods defined in ANSI C63.10-2013 Section 12.3

The transmitter output is connected to a power meter.

The cable assembly insertion loss of 12 dB (including 10 dB pad and 2 dB cable) was entered as an offset in the power meter to allow for direct reading of power.

10.3.Test Setup Layout





10.4. Test Result and Data

In the 5.2G Band

Modulation Type	Data Rate	Setting	Channel	Frequency (MHz)	Measured value of each antenna port (dBm)	Total power (mW)	FCC Limit (dBm)
11a	6 Mbps	Default	36	5180	10.36	10.864	24.00
11a	6 Mbps	Default	44	5220	9.75	9.441	24.00
11a	6 Mbps	Default	48	5240	9.58	9.078	24.00
11n HT20	MCS 0	Default	36	5180	10.24	10.568	24.00
11n HT20	MCS 0	Default	44	5220	9.48	8.872	24.00
11n HT20	MCS 0	Default	48	5240	9.62	9.162	24.00
11n HT40	MCS 0	Default	38	5190	9.88	9.727	24.00
11n HT40	MCS 0	Default	46	5230	9.39	8.690	24.00
11ac VHT20	NSS1-MCS0	Default	36	5180	10.44	11.066	24.00
11ac VHT20	NSS1-MCS0	Default	44	5220	9.78	9.506	24.00
11ac VHT20	NSS1-MCS0	Default	48	5240	9.66	9.247	24.00
11ac VHT40	NSS1-MCS0	Default	38	5190	9.96	9.908	24.00
11ac VHT40	NSS1-MCS0	Default	46	5230	9.49	8.892	24.00
11ax HE20	NSS1-MCS0	Default	36	5180	10.41	10.990	24.00
11ax HE20	NSS1-MCS0	Default	44	5220	9.76	9.462	24.00
11ax HE20	NSS1-MCS0	Default	48	5240	9.65	9.226	24.00
11ax HE40	NSS1-MCS0	Default	38	5190	10.02	10.046	24.00
11ax HE40	NSS1-MCS0	Default	46	5230	9.53	8.974	24.00

In the 5.3G Band

Modulation Type	Data Rate	Setting	Channel	Frequency (MHz)	Measured value of each antenna port (dBm)	Total power (mW)	FCC Limit (dBm)
11a	6 Mbps	Default	52	5260	9.49	8.892	24.00
11a	6 Mbps	Default	60	5300	9.56	9.036	24.00
11a	6 Mbps	Default	64	5320	9.75	9.441	24.00
11n HT20	MCS 0	Default	52	5260	9.42	8.750	24.00
11n HT20	MCS 0	Default	60	5300	9.57	9.057	24.00
11n HT20	MCS 0	Default	64	5320	9.73	9.397	24.00
11n HT40	MCS 0	Default	54	5270	9.30	8.511	24.00
11n HT40	MCS 0	Default	62	5310	9.43	8.770	24.00
11ac VHT20	NSS1-MCS0	Default	52	5260	9.56	9.036	24.00
11ac VHT20	NSS1-MCS0	Default	60	5300	9.64	9.204	24.00
11ac VHT20	NSS1-MCS0	Default	64	5320	9.84	9.638	24.00
11ac VHT40	NSS1-MCS0	Default	54	5270	9.32	8.551	24.00
11ac VHT40	NSS1-MCS0	Default	62	5310	9.50	8.913	24.00
11ax HE20	NSS1-MCS0	Default	52	5260	9.60	9.120	24.00
11ax HE20	NSS1-MCS0	Default	60	5300	9.66	9.247	24.00
11ax HE20	NSS1-MCS0	Default	64	5320	9.96	9.908	24.00
11ax HE40	NSS1-MCS0	Default	54	5270	9.34	8.590	24.00
11ax HE40	NSS1-MCS0	Default	62	5310	9.48	8.872	24.00



In the 5.5G Band

Modulation Type	Data Rate	Setting	Channel	Frequency (MHz)	Measured value of each antenna port (dBm)	Total power (mW)	FCC Limit (dBm)
11a	6 Mbps	Default	100	5500	11.85	15.311	24.00
11a	6 Mbps	Default	116	5580	9.99	9.977	24.00
11a	6 Mbps	Default	140	5700	7.80	6.026	24.00
11n HT20	MCS 0	Default	100	5500	11.76	14.997	24.00
11n HT20	MCS 0	Default	116	5580	10.02	10.046	24.00
11n HT20	MCS 0	Default	140	5700	7.64	5.808	24.00
11n HT40	MCS 0	Default	102	5510	11.51	14.158	24.00
11n HT40	MCS 0	Default	118	5590	8.29	6.745	24.00
11n HT40	MCS 0	Default	134	5670	7.73	5.929	24.00
11ac VHT20	NSS1-MCS0	Default	100	5500	11.95	15.668	24.00
11ac VHT20	NSS1-MCS0	Default	116	5580	10.07	10.162	24.00
11ac VHT20	NSS1-MCS0	Default	140	5700	7.79	6.012	24.00
11ac VHT40	NSS1-MCS0	Default	102	5510	11.55	14.289	24.00
11ac VHT40	NSS1-MCS0	Default	118	5590	8.31	6.776	24.00
11ac VHT40	NSS1-MCS0	Default	134	5670	7.81	6.039	24.00
11ax HE20	NSS1-MCS0	Default	100	5500	9.56	9.036	24.00
11ax HE20	NSS1-MCS0	Default	116	5580	7.43	5.534	24.00
11ax HE20	NSS1-MCS0	Default	140	5700	8.82	7.621	24.00
11ax HE40	NSS1-MCS0	Default	102	5510	11.51	14.158	24.00
11ax HE40	NSS1-MCS0	Default	118	5590	8.07	6.412	24.00
11ax HE40	NSS1-MCS0	Default	134	5670	7.70	5.888	24.00

In the 5.8G Band

Modulation Type	Data Rate	Setting	Channel	Frequency (MHz)	Measured value of each antenna port (dBm)	Total power (mW)	FCC Limit (dBm)
11a	6 Mbps	Default	149	5745	10.31	10.740	30.00
11a	6 Mbps	Default	157	5785	10.61	11.508	30.00
11a	6 Mbps	Default	165	5825	10.23	10.544	30.00
11n HT20	MCS 0	Default	149	5745	10.36	10.864	30.00
11n HT20	MCS 0	Default	157	5785	10.27	10.641	30.00
11n HT20	MCS 0	Default	165	5825	10.05	10.116	30.00
11n HT40	MCS 0	Default	151	5755	10.28	10.666	30.00
11n HT40	MCS 0	Default	159	5795	10.31	10.740	30.00
11ac VHT20	NSS1-MCS0	Default	149	5745	10.49	11.194	30.00
11ac VHT20	NSS1-MCS0	Default	157	5785	10.42	11.015	30.00
11ac VHT20	NSS1-MCS0	Default	165	5825	10.13	10.304	30.00
11ac VHT40	NSS1-MCS0	Default	151	5755	10.31	10.740	30.00
11ac VHT40	NSS1-MCS0	Default	159	5795	10.32	10.765	30.00
11ax HE20	NSS1-MCS0	Default	149	5745	10.45	11.092	30.00
11ax HE20	NSS1-MCS0	Default	157	5785	10.55	11.350	30.00
11ax HE20	NSS1-MCS0	Default	165	5825	10.06	10.139	30.00
11ax HE40	NSS1-MCS0	Default	151	5755	10.22	10.520	30.00
11ax HE40	NSS1-MCS0	Default	159	5795	10.21	10.495	30.00



11. Power Spectral Density

11.1. Test Limit

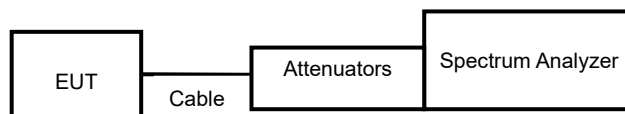
PSD:

Frequency Band		Limit
☒	5.15~5.25GHz	
	Operating Mode	
☐	Outdoor access point	17 dBm/MHz
☐	Indoor access point	17 dBm/MHz
☐	Fixed point-to-point access points	17 dBm/MHz
☒	Mobile and portable client devices	11 dBm/MHz
☒	5.725~5.85 GHz	11 dBm/MHz
☒	5.470-5.725 GHz	11 dBm/MHz
☒	5.725~5.85 GHz	30 dBm/500kHz

11.2. Test Procedure

Reference to KDB789033 D02 General UNII Test Procedures New Rules v02r01

11.3. Test Setup Layout





11.4. Test Result and Data

In the 5.2G Band

Modulation Type	CH	Freq. (MHz)	Meas PPSD (dBm/MHz)	Duty Cycle CF(dB)	Total Corr'd PPSD (dBm/MHz)	PPSD Limit (dBm/MHz)
11a	36	5180	0.52	0.00	0.52	11.00
	44	5220	-1.02	0.00	-1.02	11.00
	48	5240	-1.22	0.00	-1.22	11.00
11ac VHT20	36	5180	-0.89	0.09	-0.80	11.00
	44	5220	-1.73	0.09	-1.64	11.00
	48	5240	-1.93	0.09	-1.84	11.00
11ac VHT40	38	5190	-4.73	0.20	-4.53	11.00
	46	5230	-5.40	0.20	-5.20	11.00
11ax HE20	36	5180	-0.80	0.12	-0.68	11.00
	44	5220	-1.87	0.12	-1.75	11.00
	48	5240	-2.10	0.12	-1.98	11.00
11ax HE40	38	5190	-5.00	0.25	-4.75	11.00
	46	5230	-5.72	0.25	-5.47	11.00

In the 5.3G Band

Modulation Type	CH	Freq. (MHz)	Meas PPSD (dBm/MHz)	Duty Cycle CF(dB)	Total Corr'd PPSD (dBm/MHz)	PPSD Limit (dBm/MHz)
11a	52	5260	-1.30	0.00	-1.30	11.00
	60	5300	-0.89	0.00	-0.89	11.00
	64	5320	-0.76	0.00	-0.76	11.00
11ac VHT20	52	5260	-2.18	0.09	-2.09	11.00
	60	5300	-2.50	0.09	-2.41	11.00
	64	5320	-2.49	0.09	-2.40	11.00
11ac VHT40	54	5270	-5.61	0.20	-5.41	11.00
	62	5310	-5.38	0.20	-5.18	11.00
11ax HE20	52	5260	-2.08	0.12	-1.96	11.00
	60	5300	-2.64	0.12	-2.52	11.00
	64	5320	-2.66	0.12	-2.54	11.00
11ax HE40	54	5270	-5.80	0.25	-5.55	11.00
	62	5310	-5.86	0.25	-5.61	11.00

**In the 5.5G Band**

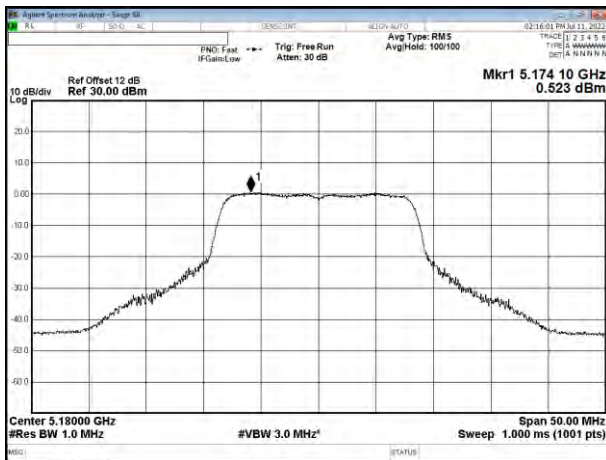
Modulation Type	CH	Freq. (MHz)	Meas PPSP (dBm/MHz)	Duty Cycle CF(dB)	Total Corr'd PPSP (dBm/MHz)	PPSP Limit (dBm/MHz)
11a	100	5500	1.15	0.00	1.15	11.00
	116	5580	-0.49	0.00	-0.49	11.00
	140	5700	-3.15	0.00	-3.15	11.00
11ac VHT20	100	5500	0.45	0.09	0.54	11.00
	116	5580	-0.95	0.09	-0.86	11.00
	140	5700	-2.89	0.09	-2.80	11.00
11ac VHT40	102	5510	-3.15	0.20	-2.95	11.00
	118	5590	-4.64	0.20	-4.44	11.00
	134	5670	-7.20	0.20	-7.00	11.00
11ax HE20	100	5500	0.25	0.12	0.37	11.00
	116	5580	-0.81	0.12	-0.69	11.00
	140	5700	-3.29	0.12	-3.17	11.00
11ax HE40	102	5510	-3.70	0.25	-3.45	11.00
	118	5590	-5.04	0.25	-4.79	11.00
	134	5670	-7.40	0.25	-7.15	11.00

In the 5.8G Band

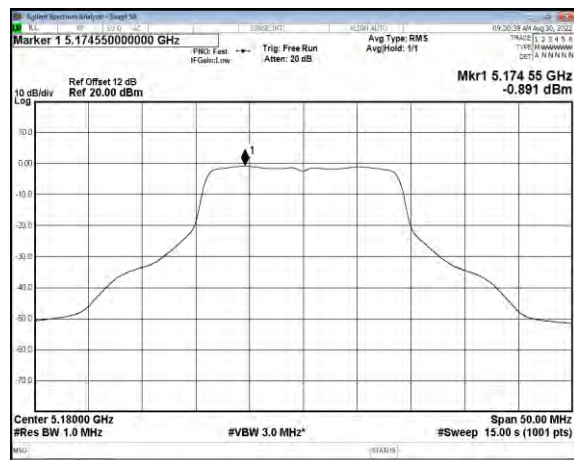
Modulation Type	CH	Freq. (MHz)	Meas PPSP (dBm/MHz)	Duty Cycle CF(dB)	10log (500KHz/RBW) CF (dB)	Total Corr'd PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)
802.11a	149	5745	-0.41	0.00	-3.01	-3.42	30.00
	157	5785	-0.33	0.00	-3.01	-3.34	30.00
	165	5825	-0.80	0.00	-3.01	-3.81	30.00
802.11ac VHT20	149	5745	-1.82	0.09	-3.01	-4.74	30.00
	157	5785	-2.58	0.09	-3.01	-5.50	30.00
	165	5825	-2.50	0.09	-3.01	-5.42	30.00
802.11ac VHT40	151	5755	-4.79	0.20	-3.01	-7.60	30.00
	159	5795	-4.77	0.20	-3.01	-7.58	30.00
11ax HE20	149	5745	-2.10	0.12	-3.01	-4.99	30.00
	157	5785	-2.93	0.12	-3.01	-5.82	30.00
	165	5825	-2.82	0.12	-3.01	-5.71	30.00
11ax HE40	151	5755	-4.96	0.25	-3.01	-7.72	30.00
	159	5795	-5.01	0.25	-3.01	-7.77	30.00



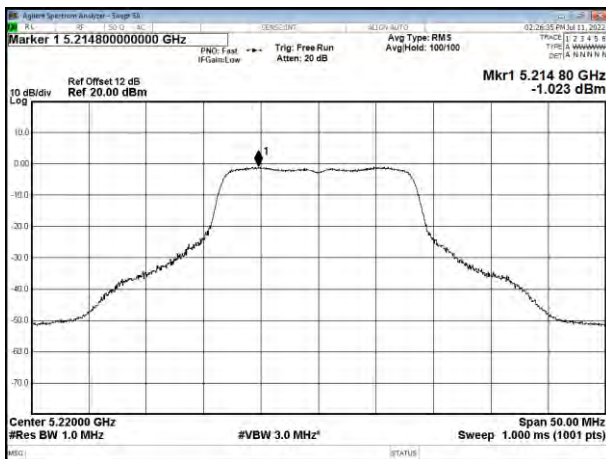
Modulation Type: 802.11a (6Mbps)
CH36



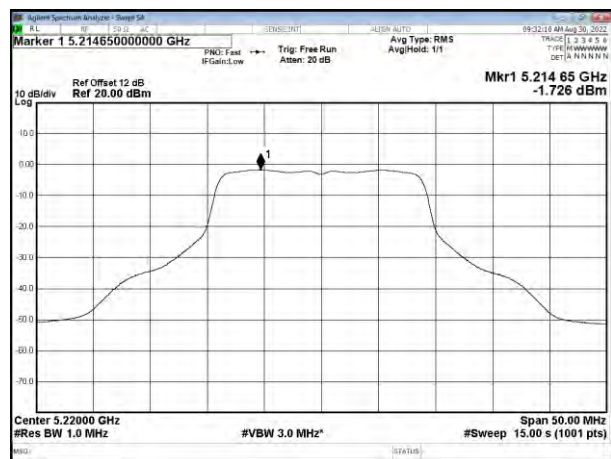
Modulation Type: 802.11ac VHT20 (6.5Mbps)
CH36



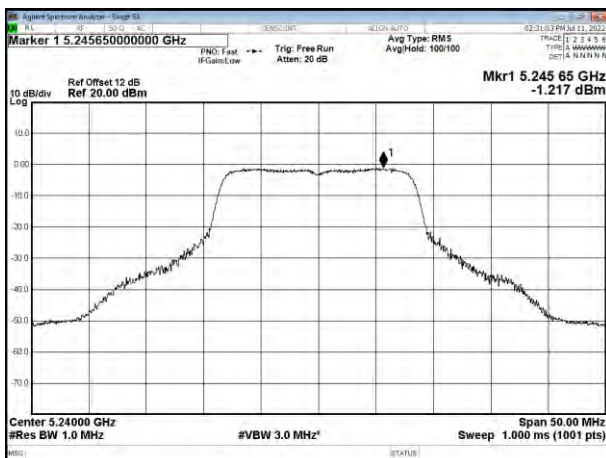
CH44



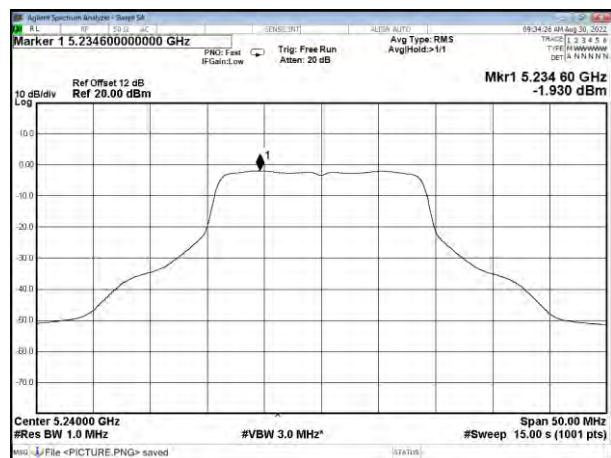
CH44



CH48

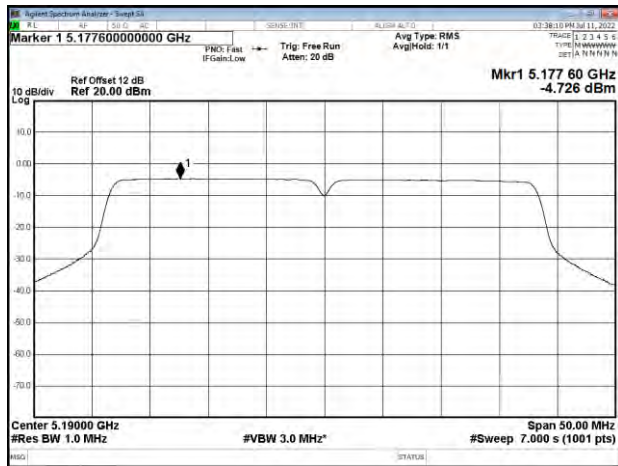


CH48

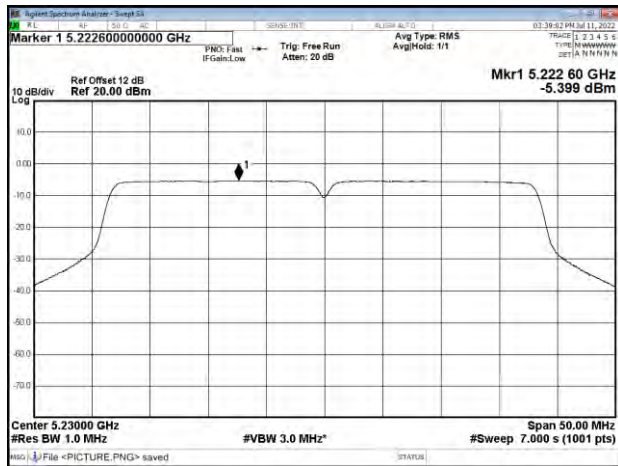




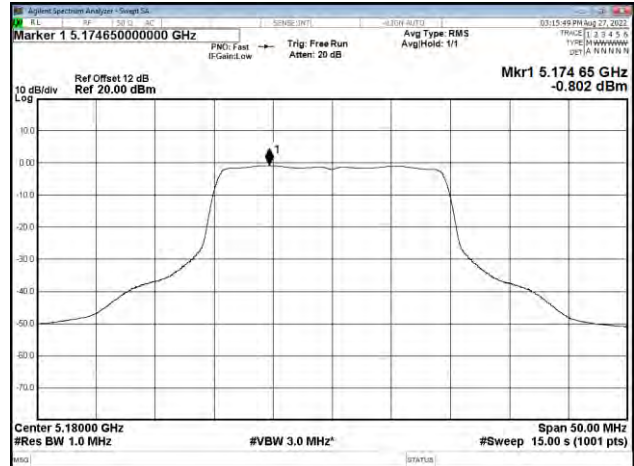
Modulation Type: 802.11ac VHT40 (6.5Mbps)
CH38



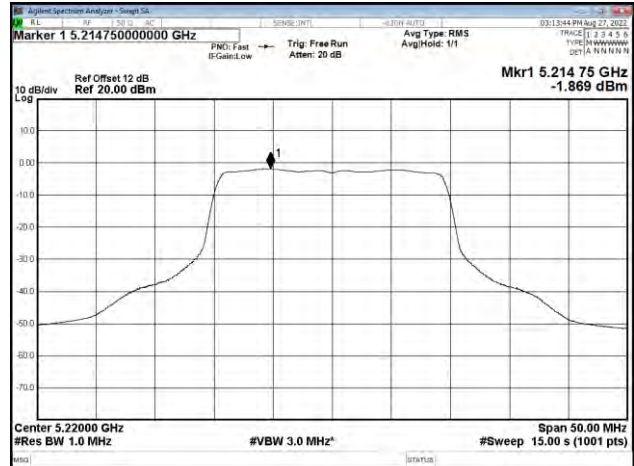
CH46



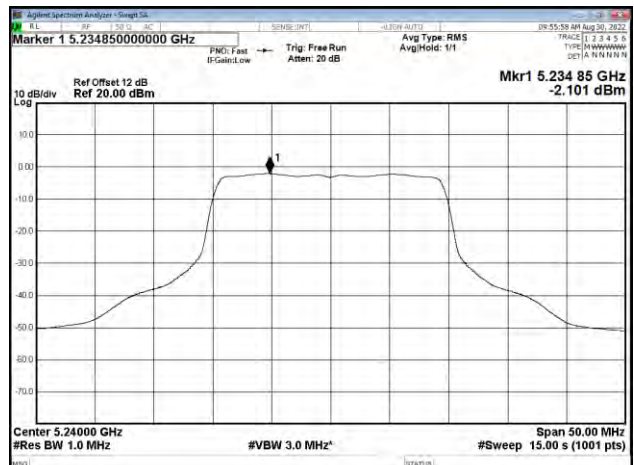
Modulation Type: 802.11ax HE20 (7.3Mbps)
CH36



CH44

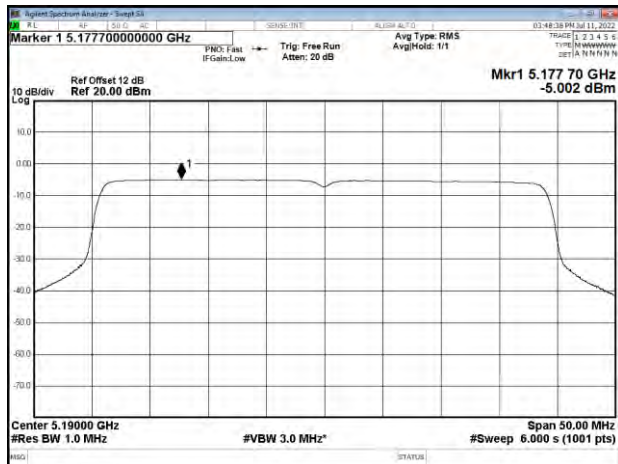


CH48

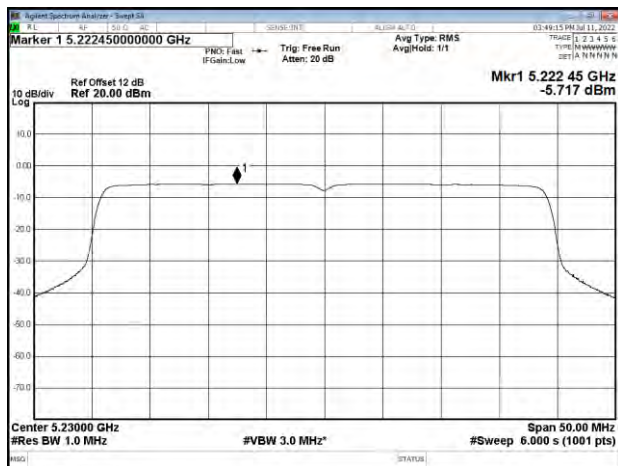




Modulation Type: 802.11ax HE40 (14.6Mbps)
CH38

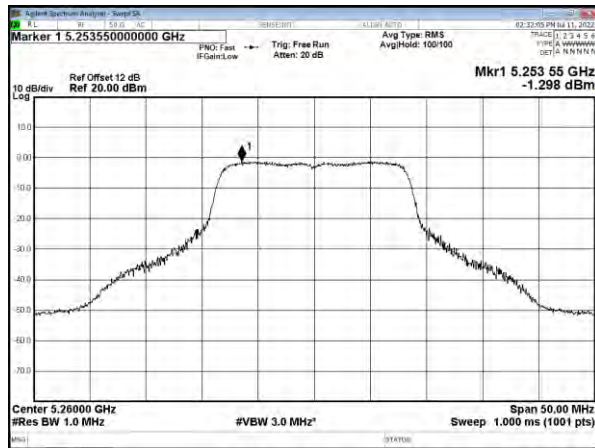


CH46

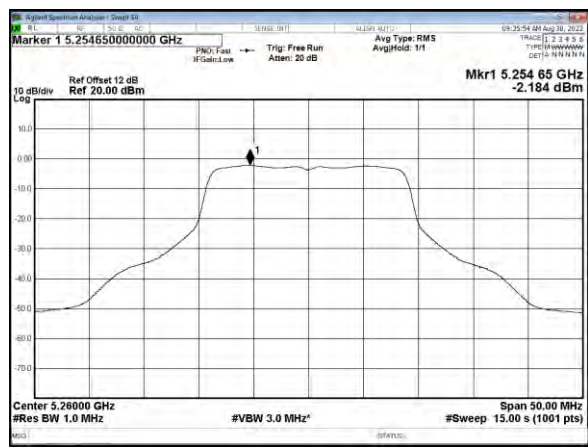




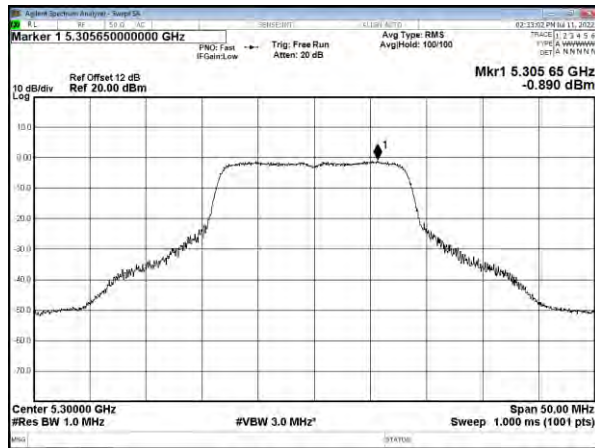
Modulation Type: 802.11a (6Mbps)
CH52



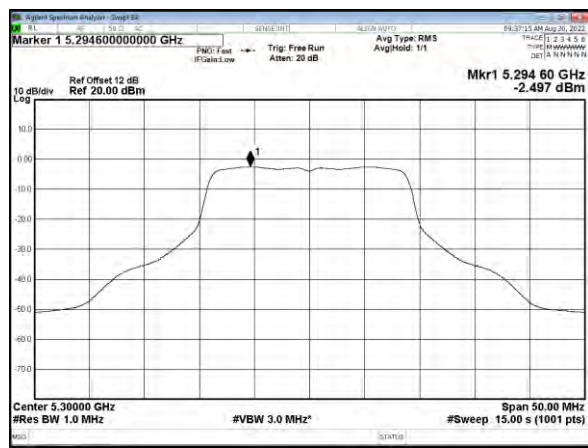
Modulation Type: 802.11ac VHT20 (6.5Mbps)
CH52



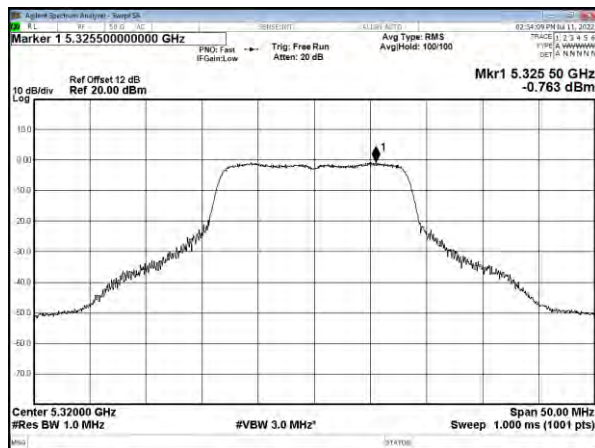
CH60



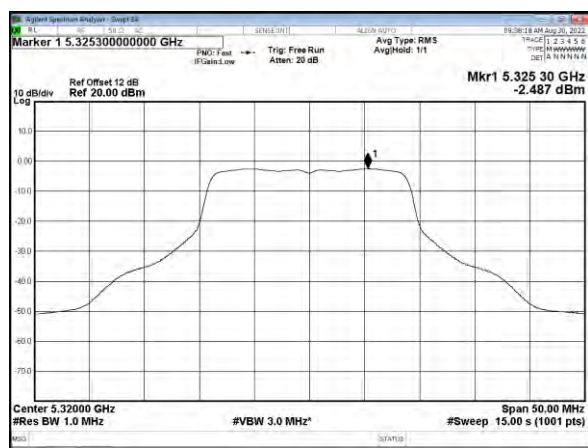
CH60



CH64

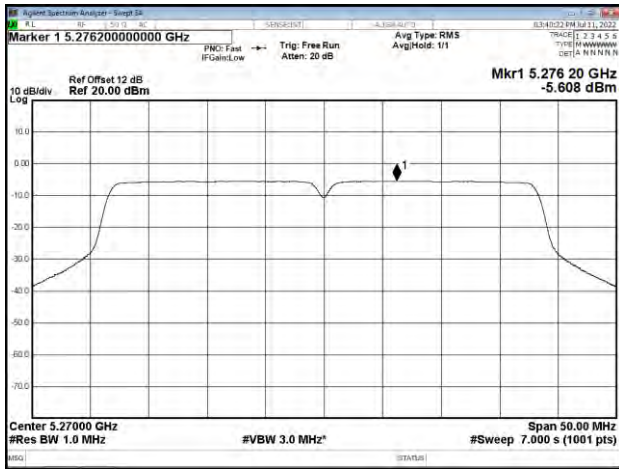


CH64

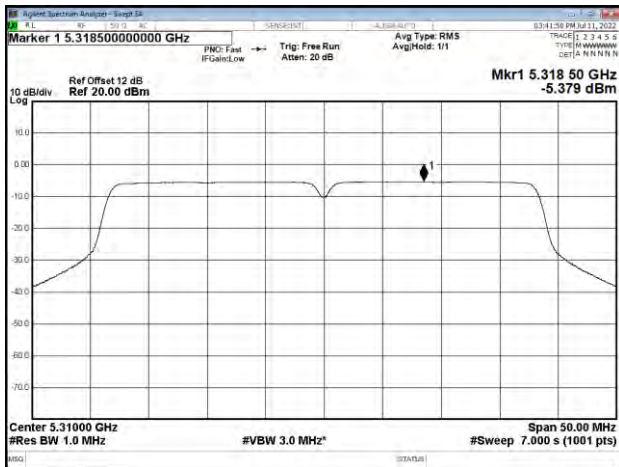




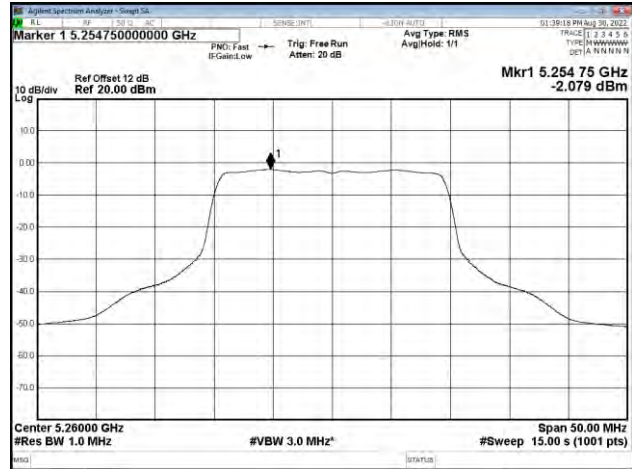
Modulation Type: 802.11ac VHT40 (6.5Mbps)
CH54



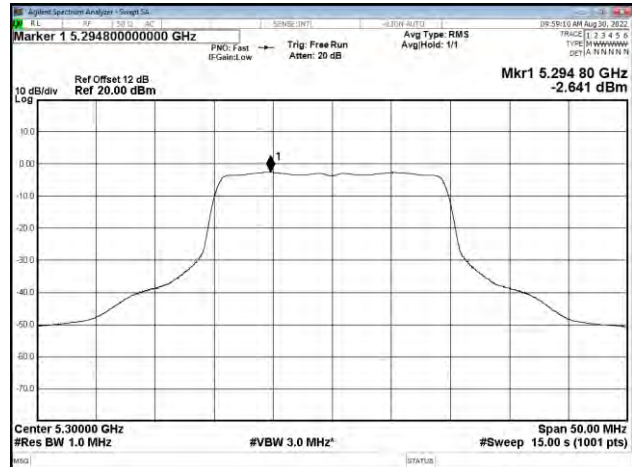
CH62



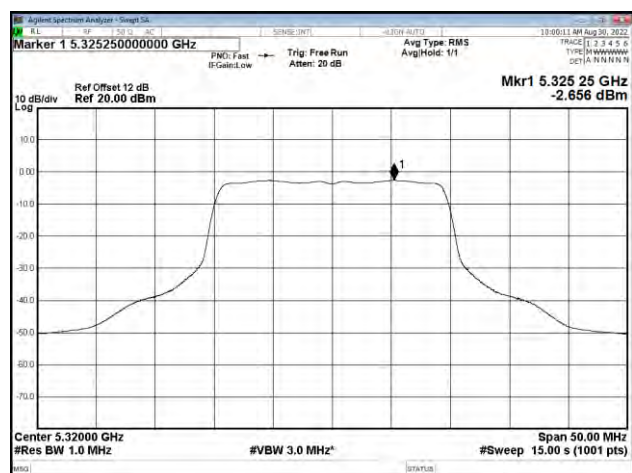
Modulation Type: 802.11ax HE20 (7.3Mbps)
CH52



CH60

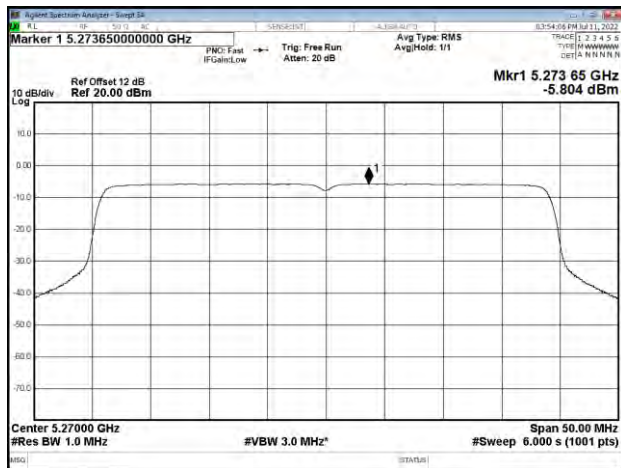


CH64

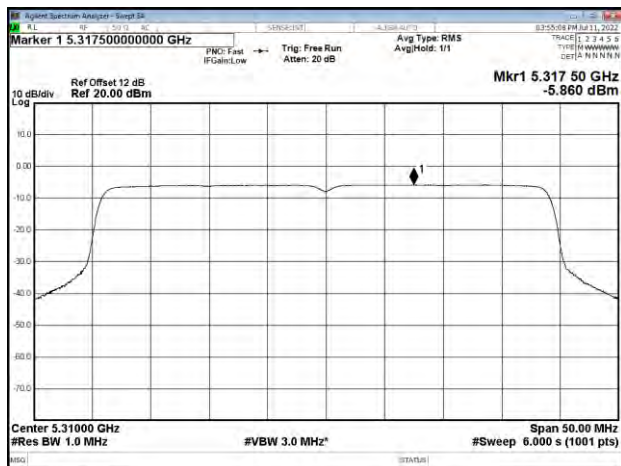




Modulation Type: 802.11ax HE40 (14.6Mbps)
CH54

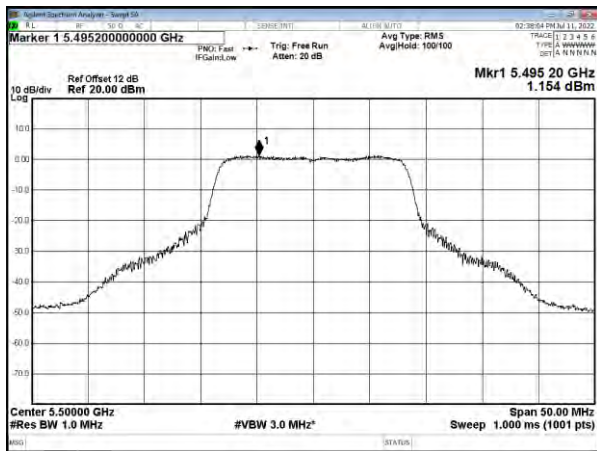


CH62

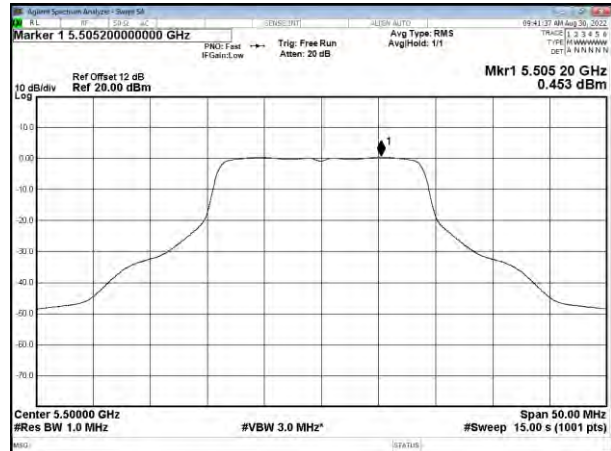




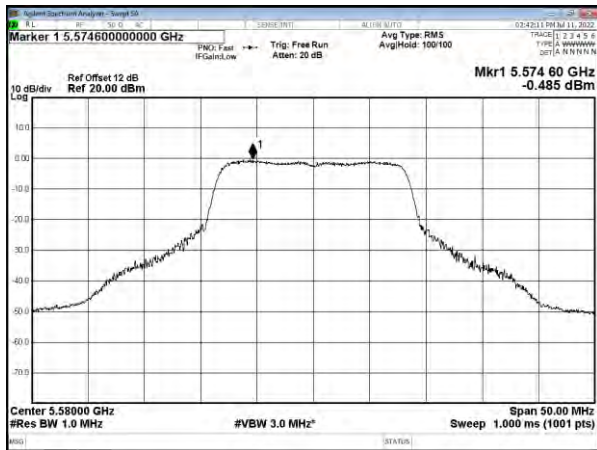
Modulation Type: 802.11a (6Mbps)
CH100



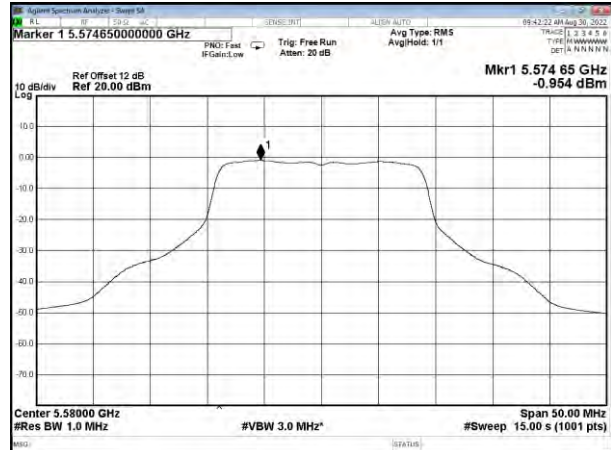
Modulation Type: 802.11ac VHT20 (6.5Mbps)
CH100



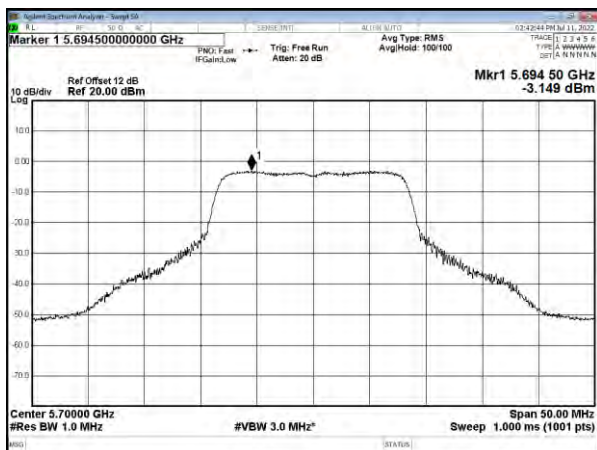
CH116



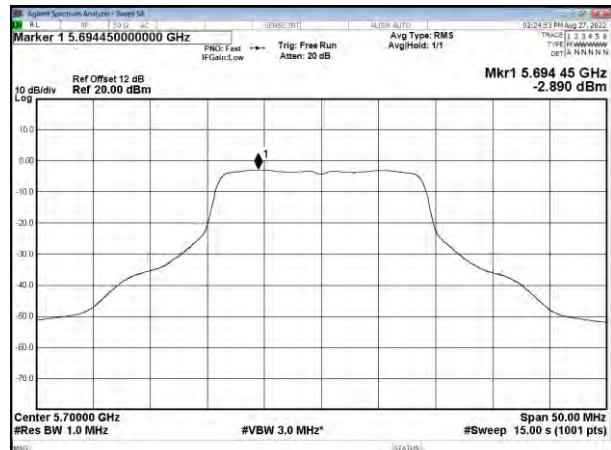
CH116



CH140

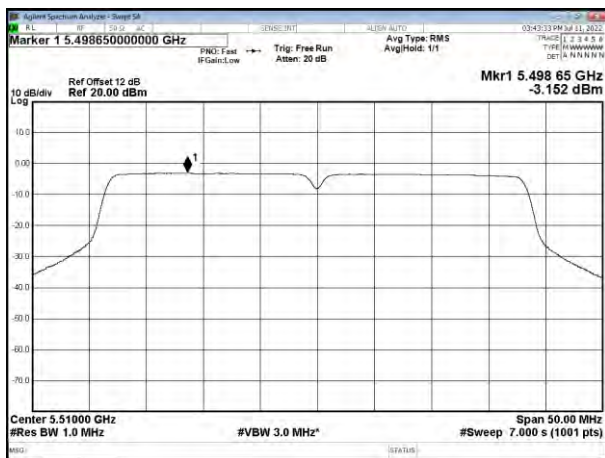


CH140

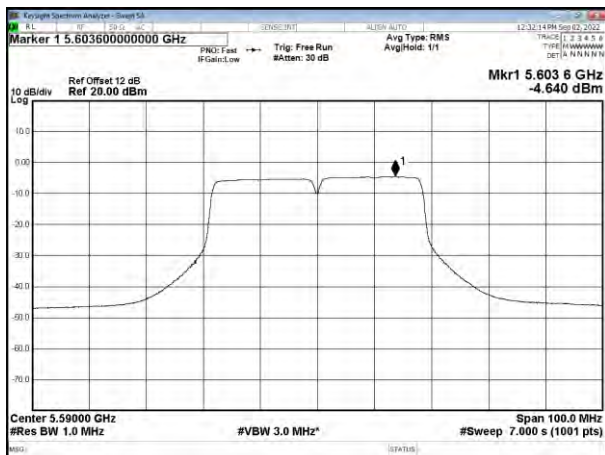




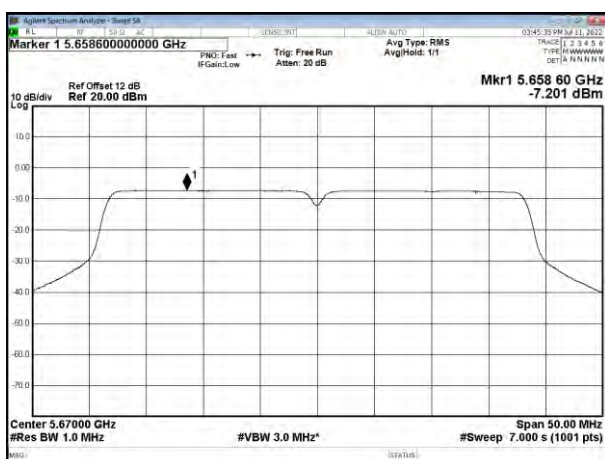
Modulation Type: 802.11ac VHT40 (6.5Mbps)
CH102



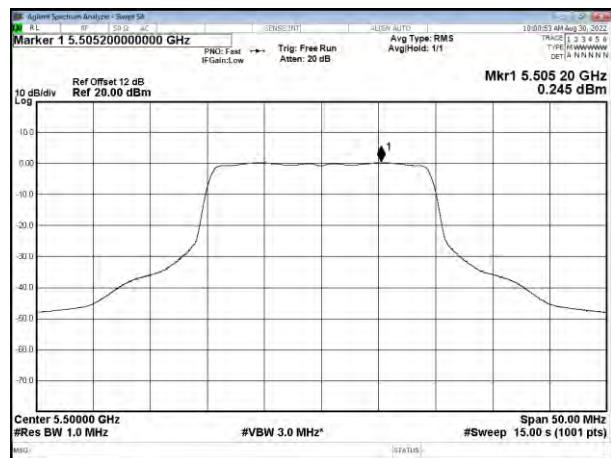
CH118



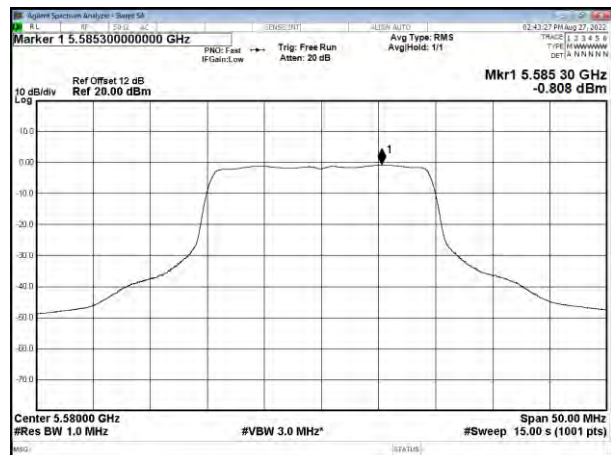
CH134



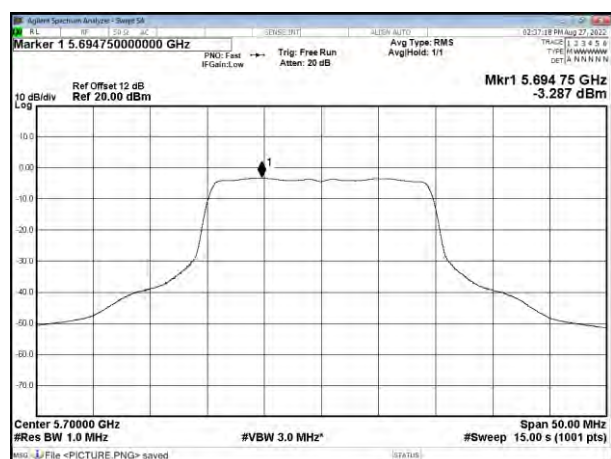
Modulation Type: 802.11ax HE20 (7.3Mbps)
CH100



CH116

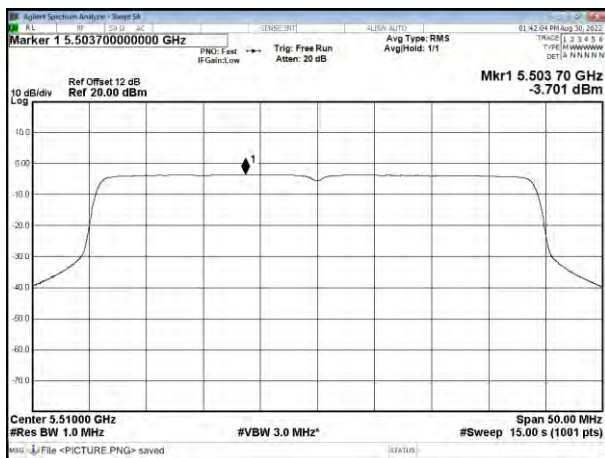


CH140

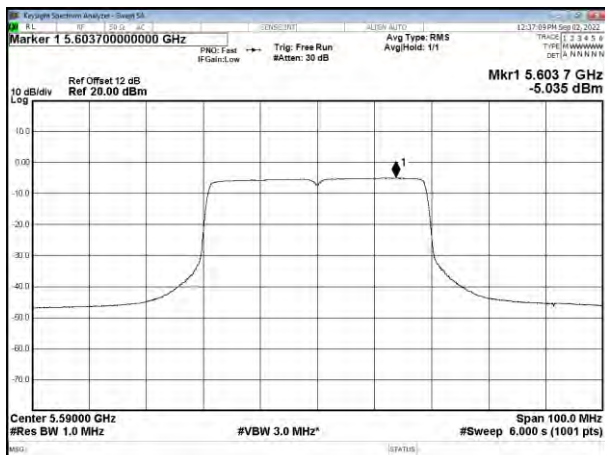




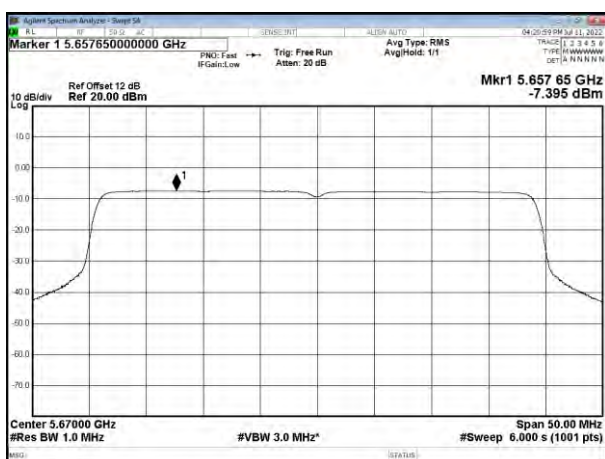
Modulation Type: 802.11ax HE40 (14.6Mbps)
CH102



CH118

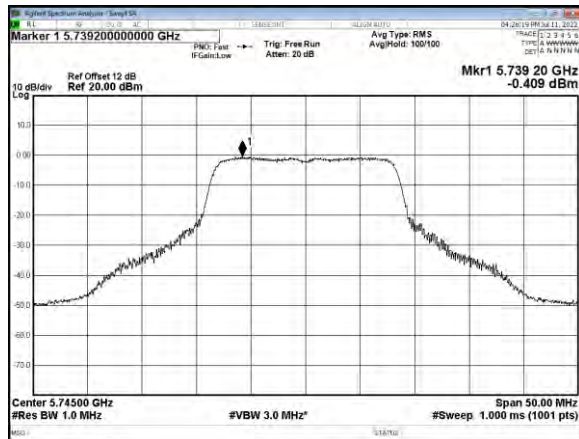


CH134

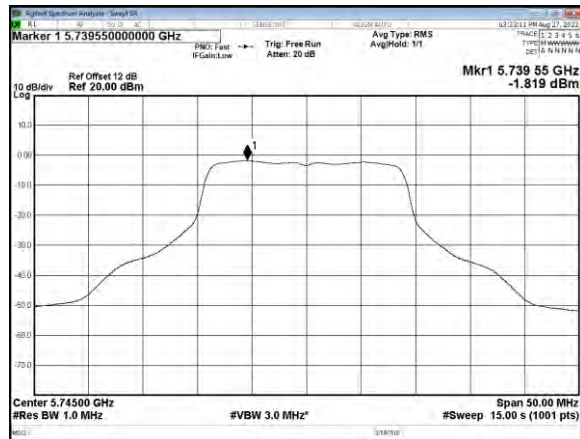




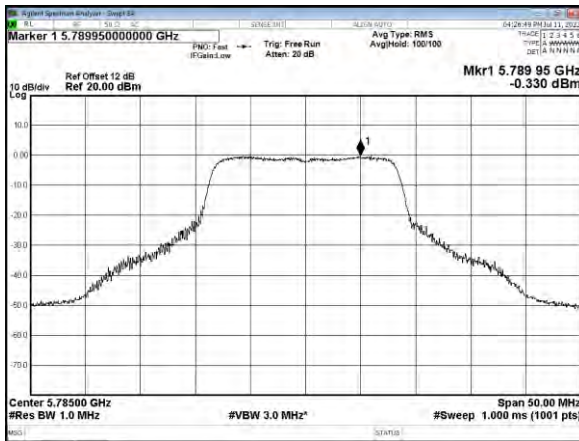
Modulation Type: 802.11a (6Mbps)
CH149



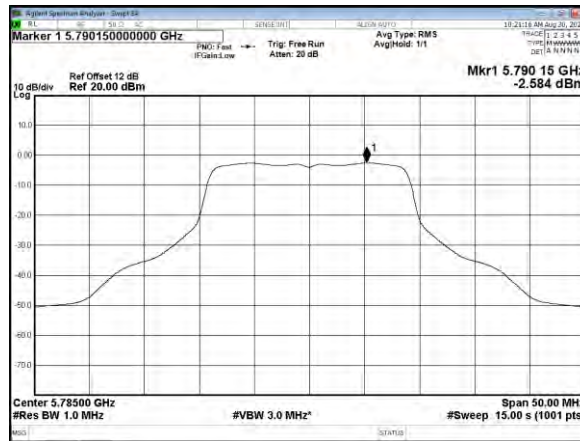
Modulation Type: 802.11ac VHT20 (6.5Mbps)
CH149



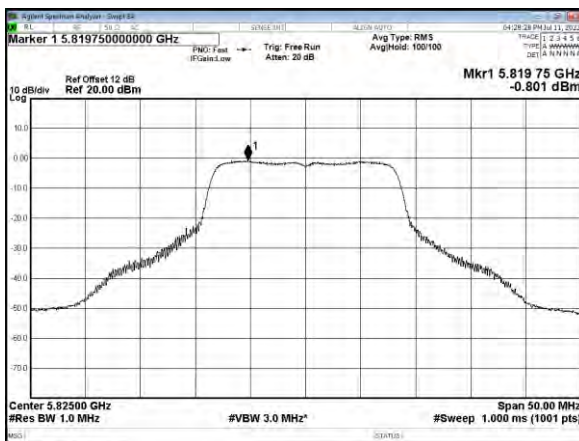
CH157



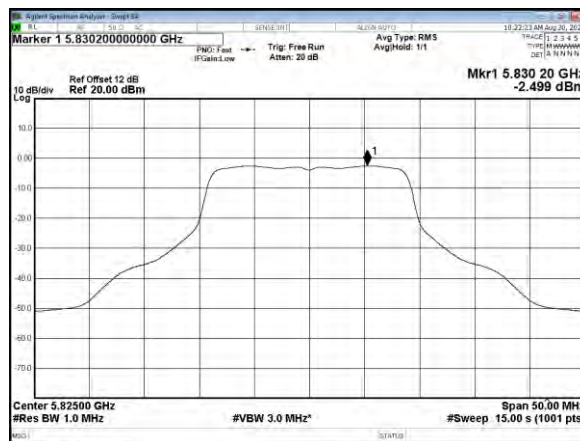
CH157



CH165

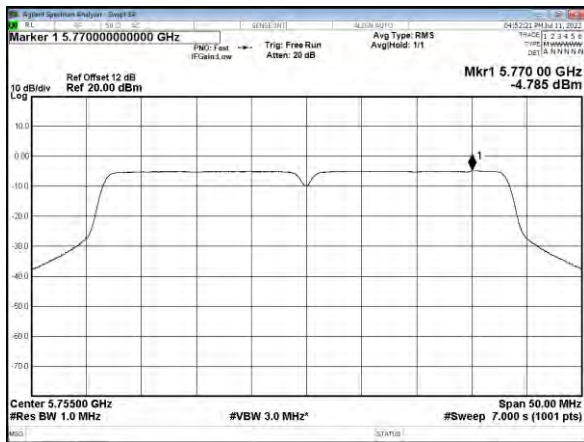


CH165

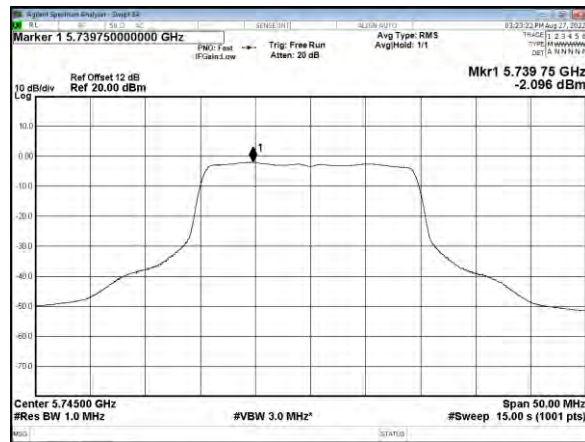




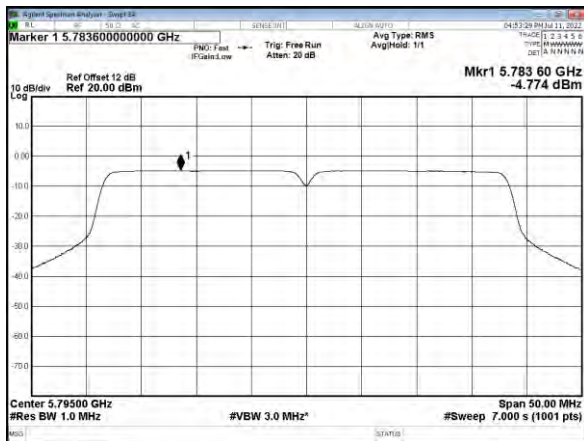
Modulation Type: 802.11ac VHT40 (6.5Mbps)
CH151



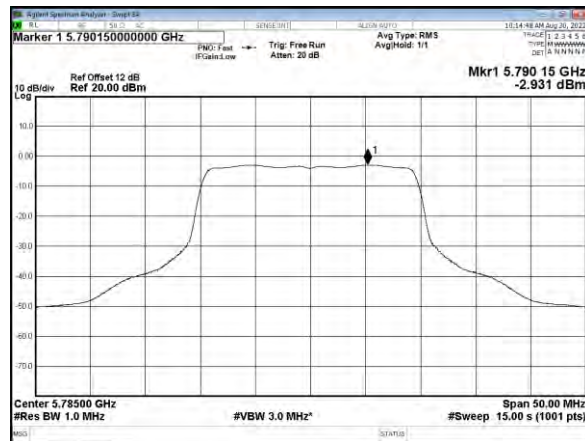
Modulation Type: 802.11ax HE20 (7.3Mbps)
CH149



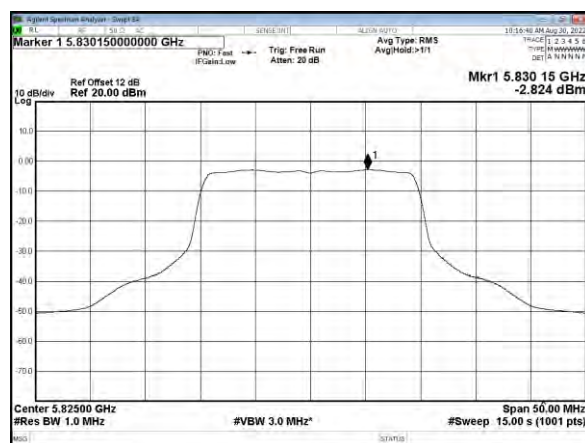
CH159



CH157

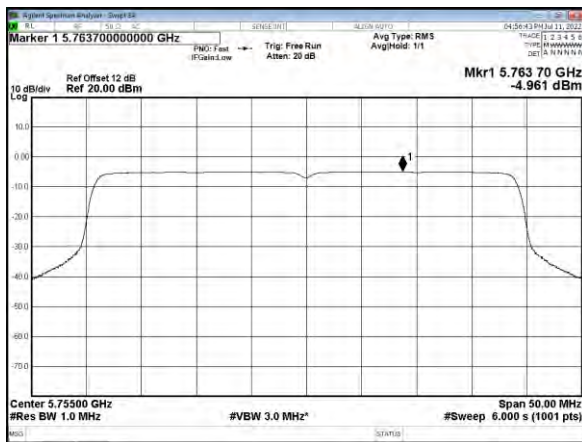


CH165

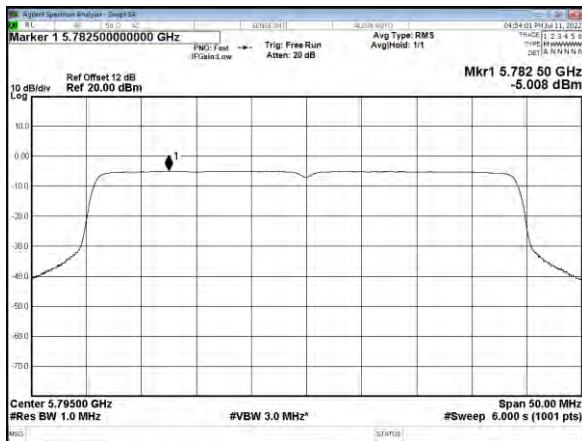




Modulation Type: 802.11ax HE40 (14.6Mbps)
CH151



CH159



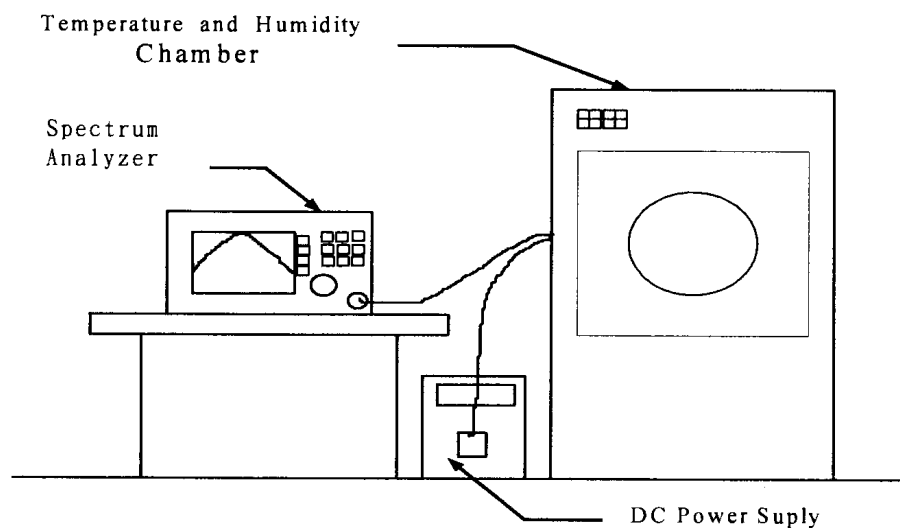


12. Frequency Stability

12.1. Test Procedure

1. The EUT was placed inside the Temperature and Humidity chamber.
2. The transmitter output was connected to spectrum analyzer.
3. Turn the EUT on and couple its output to a spectrum analyzer.
4. Turn the EUT off and set the chamber to the highest temperature specified.
5. Allow sufficient time (approximately 30 min) for the temperature of the chamber to stabilize, turn the EUT on and measure the operating frequency after 2, 5, and 10 minutes.
6. Repeat step 2 and 3 with the temperature chamber set to the lowest temperature.
7. The test chamber was allowed to stabilize at +20 degree C for a minimum of 30 minutes. The supply voltage was then adjusted on the EUT from 85% to 115% and the frequency record.

12.2. Test Setup Layout



**12.3. Test Result and Data**

Operating frequency: 5180 MHz							
Temp	Power supply	2 minute		5 minute		10 minute	
(°C)	(V)	(MHz)	(%)	(MHz)	(%)	(MHz)	(%)
40	4.25	5179.9924	-0.000147	5179.9928	-0.000139	5179.9938	-0.000120
	5	5179.9935	-0.000125	5179.9937	-0.000122	5179.9912	-0.000170
	5.75	5179.9917	-0.000160	5179.9932	-0.000131	5179.9935	-0.000125
30	4.25	5179.9933	-0.000129	5179.9913	-0.000168	5179.9929	-0.000137
	5	5179.9924	-0.000147	5179.9946	-0.000104	5179.9956	-0.000085
	5.75	5179.9921	-0.000153	5179.9925	-0.000145	5179.9941	-0.000114
20	4.25	5179.9929	-0.000137	5179.9949	-0.000098	5179.9937	-0.000122
	5	5179.9916	-0.000162	5179.9932	-0.000131	5179.9942	-0.000112
	5.75	5179.9943	-0.000110	5179.9945	-0.000106	5179.9941	-0.000114
10	4.25	5179.9935	-0.000125	5179.9951	-0.000095	5179.9925	-0.000145
	5	5179.9968	-0.000062	5179.9929	-0.000137	5179.9922	-0.000151
	5.75	5179.9917	-0.000160	5179.9935	-0.000125	5179.9918	-0.000158
0	4.25	5179.9928	-0.000139	5179.9946	-0.000104	5179.9955	-0.000087
	5	5179.9918	-0.000158	5179.9954	-0.000089	5179.9931	-0.000133
	5.75	5179.9955	-0.000087	5179.9928	-0.000139	5179.9927	-0.000141

Limit:

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.



13. Radio Frequency Exposure

13.1.Applicable Standards

The measurements shown in this test report were made in accordance with the procedures given in FCC Part 2 (Section 2.1091)

13.2.EUT Specification

Frequency band (Operating)	☐ WLAN: 2412MHz ~ 2462MHz ☒ WLAN: 5150MHz ~ 5250MHz ☒ WLAN: 5250MHz ~ 5350MHz ☒ WLAN: 5470MHz ~ 5725MHz ☒ WLAN: 5725MHz ~ 5850MHz ☐ Bluetooth: 2402MHz ~ 2480MHz
Device category	☐ Portable (<20cm separation) ☒ Mobile (>20cm separation)
Exposure classification	☐ Occupational/Controlled exposure (S = 5mW/cm ²) ☒ General Population/Uncontrolled exposure (S=1mW/cm ²)
Antenna diversity	☒ Single antenna ☐ Multiple antennas ☐ Tx diversity ☐ Rx diversity ☐ Tx/Rx diversity
Evaluation applied	☒ MPE Evaluation* ☐ SAR Evaluation ☐ N/A
Remark: 1. The maximum conducted output power is <u>11.95dBm (15.668mW)</u> at <u>5500MHz</u> (with <u>3.09dBi antenna gain</u> .) 2. DTS device is not subject to routine RF evaluation; MPE estimate is used to justify the compliance. 3. For mobile or fixed location transmitters, no SAR consideration applied. The maximum power density is 1.0 mW/cm ² even if the calculation indicates that the power density would be larger.	

13.3.Test Results

No non-compliance noted.



13.4.Calculation

$$\text{Given } E = \frac{\sqrt{30 \times P \times G}}{d} \quad \& \quad S = \frac{E^2}{3770}$$

Where E = Field strength in Volts / meter

P = Power in Watts

G = Numeric antenna gain

d = Distance in meters

S = Power density in milliwatts / square centimeter

Combining equations and re-arranging the terms to express the distance as a function of the remaining variables yields:

$$S = \frac{30 \times P \times G}{3770d^2}$$

Changing to units of mW and cm, using:

$P \text{ (mW)} = P \text{ (W)} / 1000$ and

$d \text{ (cm)} = d \text{ (m)} / 100$

Yields

$$S = \frac{30 \times (P/1000) \times G}{3770 \times (d/100)^2} = 0.0796 \times \frac{P \times G}{d^2} \quad \text{Equation 1}$$

Where d = Distance in cm

P = Power in mW

G = Numeric antenna gain

S = Power density in mW / cm²

**13.5.Maximum Permissible Exposure**

Channel Frequency (MHz)	Max. Conducted output power(dBm)	Max. Tune up power (dBm)	Antenna Gain(dBi)	Distance (cm)	Power Density (mW/cm ²)	Limit (mW/cm ²)
5180-5240	10.44	12.44	3.09	20	0.007	1
5260-5320	9.96	11.96	3.09	20	0.006	1
5500-5700	11.95	13.95	3.09	20	0.010	1
5745-5825	10.61	12.61	3.09	20	0.007	1

Maximum Permissible Exposure (Co-location)

Modulation Type	Channel Frequency (MHz)	Max. Conducted output power (dBm)	Max. Tune up power (dBm)	Antenna Gain(dBi)	Distance (cm)	Power Density (mW/cm ²)	Limit (mW/cm ²)	MPE Ratio
GFSK(2Mbps)	2402-2480	5.95	7.95	3.19	20	0.003	1	0.003
11ac VHT20	5500-5700	11.95	13.95	3.09	20	0.010	1	0.010
Co-location Total								0.013
Σ MPE ratios Limit								1

-----THE END OF REPORT-----