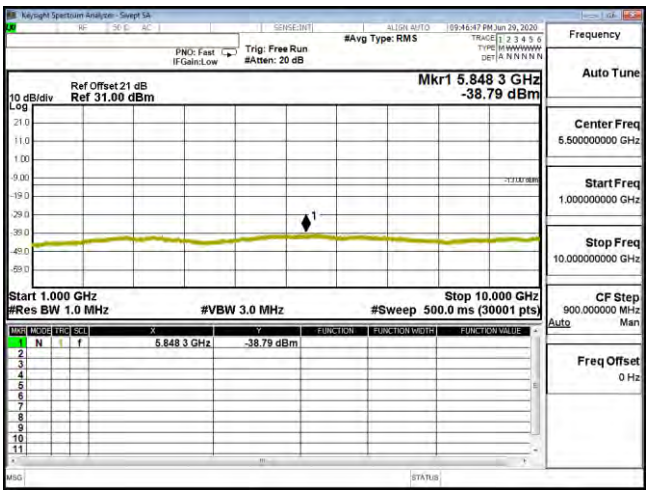
CSE B26 15M CH26965 QPSK(1,37) 30M-1G



CSE B26 15M CH26965 QPSK(1,37) 1G-10G

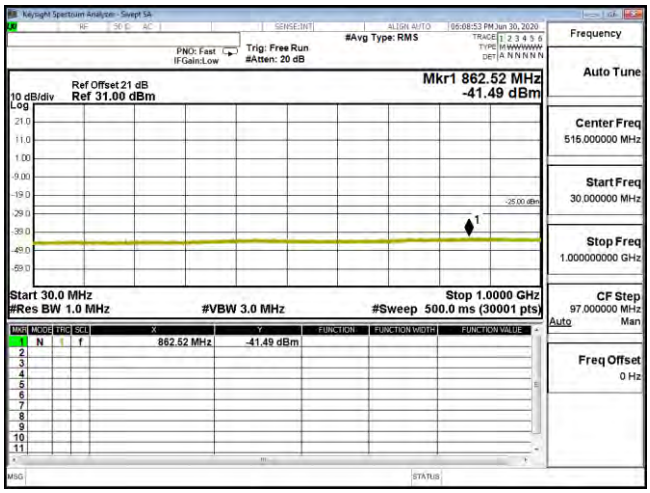
CSE B26 15M CH26965 16QAM(1,0) 30M-1G

CSE B26 15M CH26965 16QAM(1,0) 1G-10G

CSE B26 15M CH26965 64QAM(1,37) 30M-1G

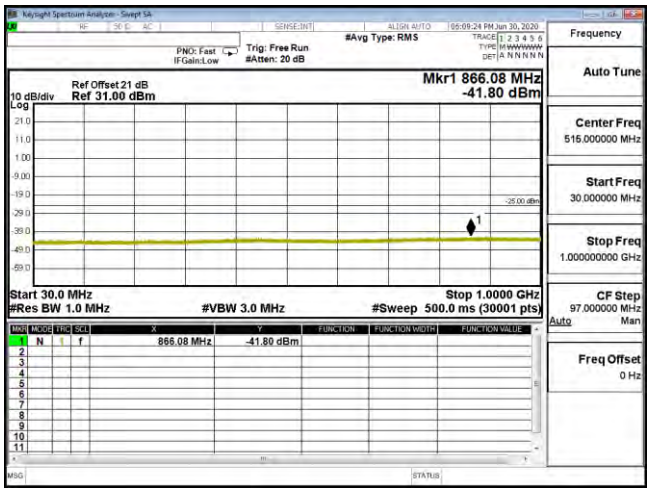
CSE B26 15M CH26965 64QAM(1,37) 1G-10G

Product	Mobile Computer		
Test Mode	Spurious Emission (Conducted)		
Date of Test	2020/07/15	Test Site	CTR
Test Condition	LTE-Band 41	Test Range	30MHz~26GHz



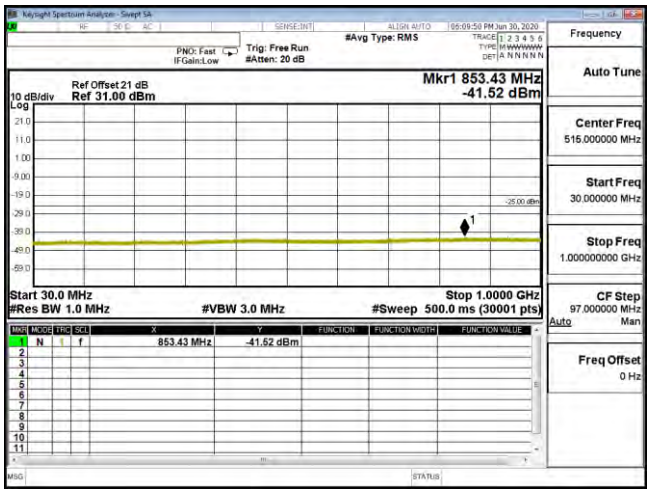
CSE B41 5M CH39675 QPSK(1,12) 30M-1G

CSE B41 5M CH39675 QPSK(1,12) 1G-26.5G

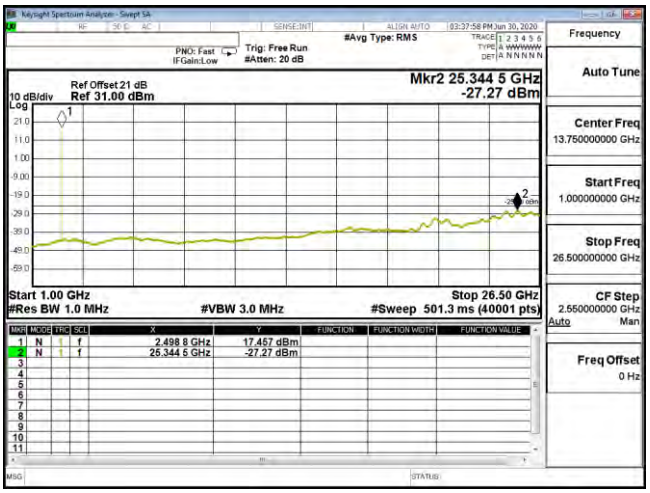


CSE B41 5M CH39675 16QAM(1,12) 30M-1G

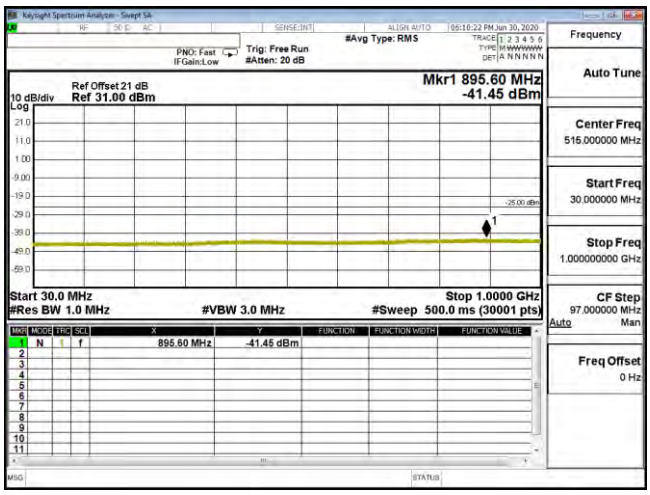
CSE B41 5M CH39675 16QAM(1,12) 1G-26.5G



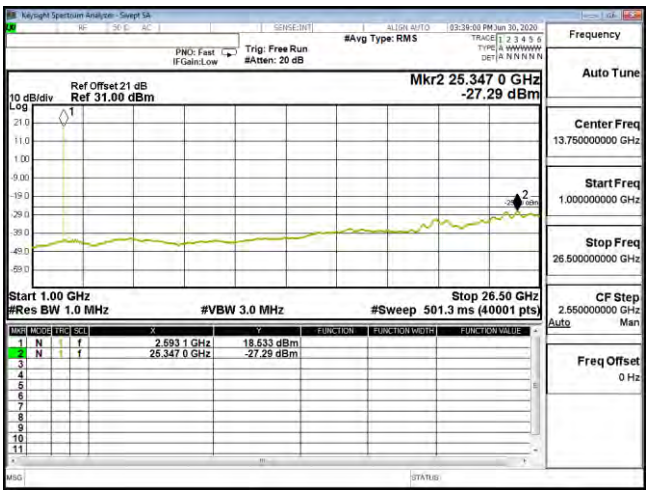
CSE B41 5M CH39675 64QAM(1,12) 30M-1G



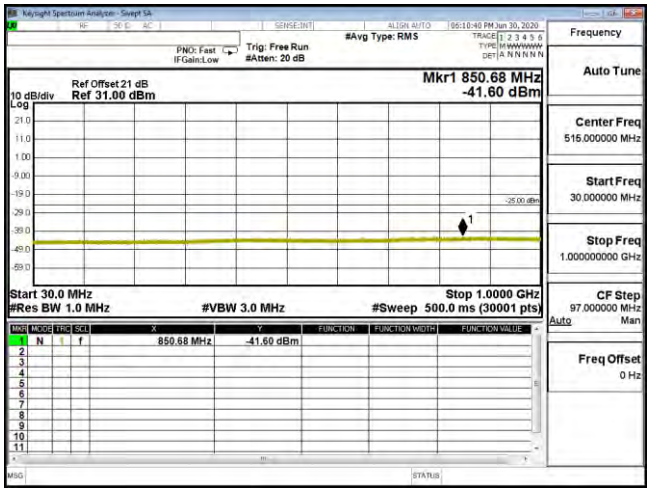
CSE B41 5M CH39675 64QAM(1,12) 1G-26.5G



CSE B41 5M CH40620 QPSK(1,12) 30M-1G



CSE B41 5M CH40620 QPSK(1,12) 1G-26.5G



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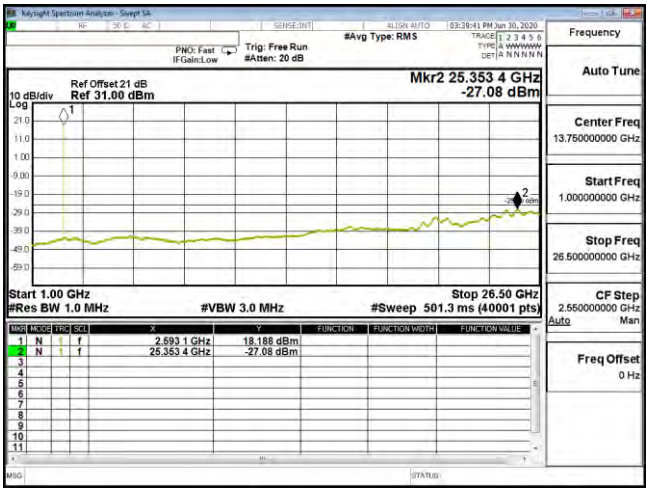
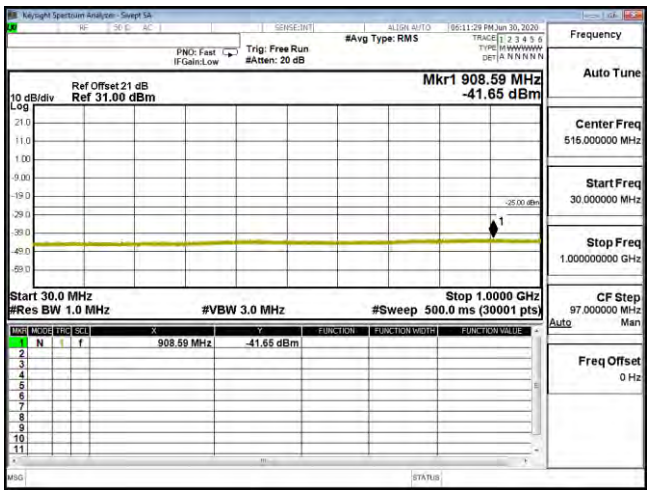


CSE B41 5M CH40620 16QAM(1,12) 1G-26.5G

CSE B41 5M CH40620 64QAM(1,12) 30M-1G

CSE B41 5M CH40620 64QAM(1,12) 1G-26.5G



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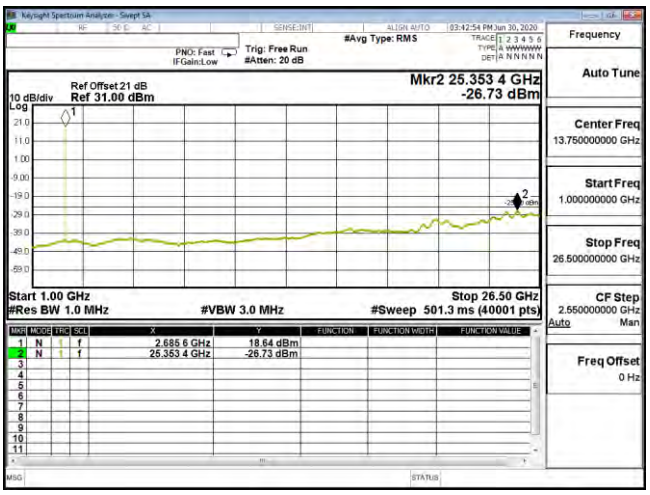

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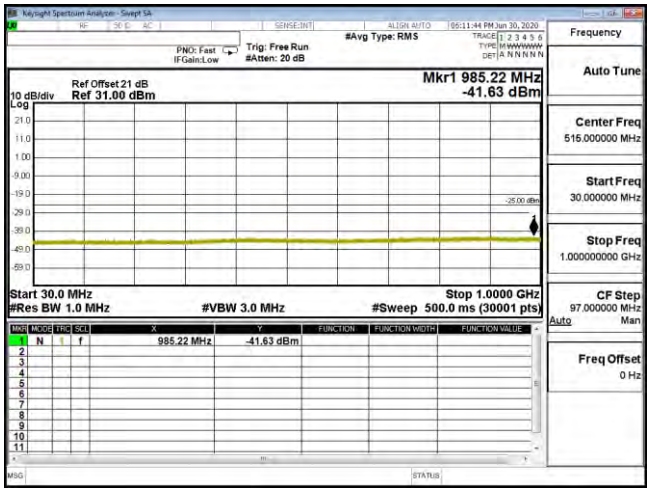
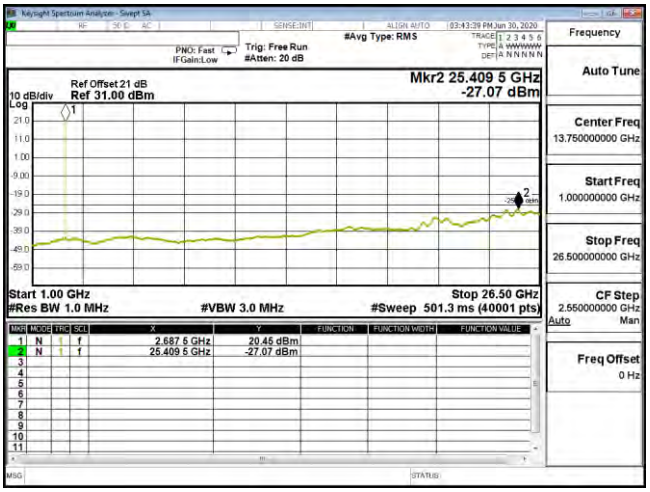


CSE B41 5M CH41565 16QAM(1,12) 30M-1G



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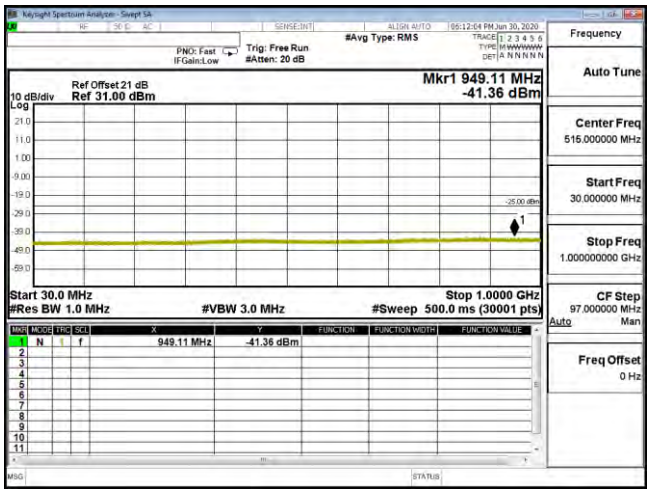
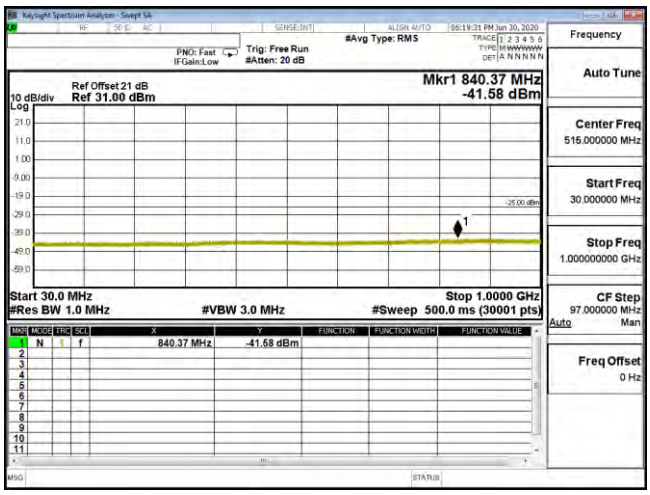
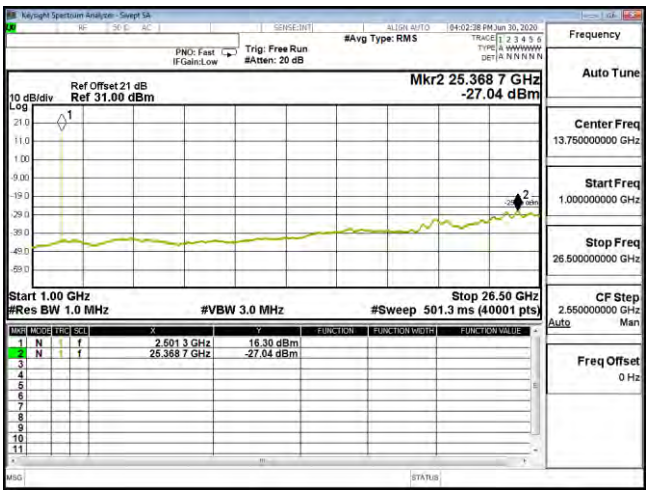


CSE B41 5M CH41565 64QAM(1,12) 30M-1G

CSE B41 5M CH41565 64QAM(1,12) 1G-26.5G

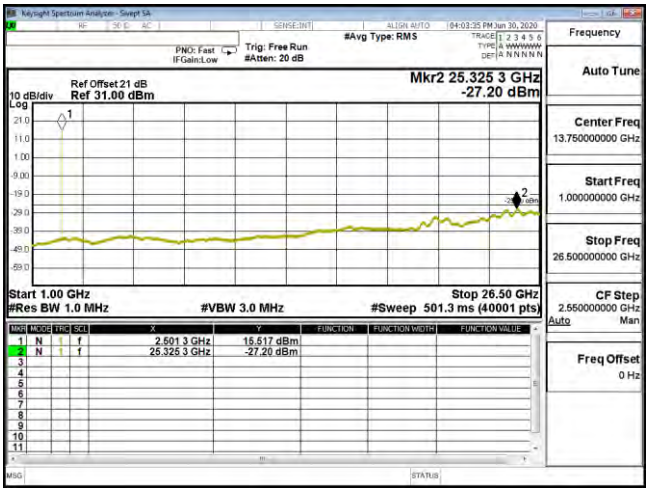


CSE B41 10M CH39700 QPSK(1,25) 30M-1G

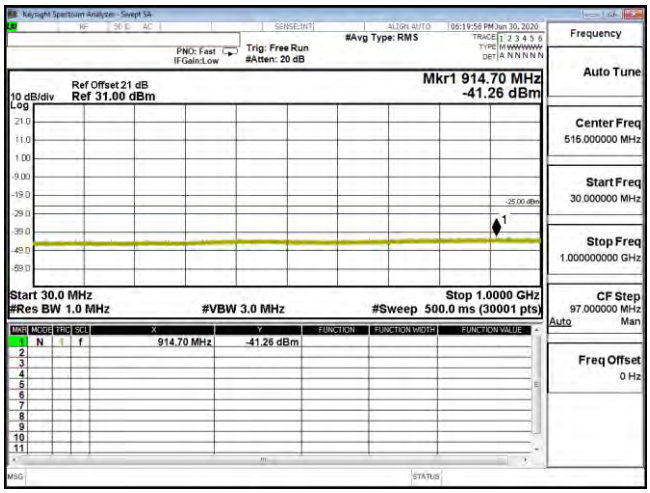


CSE B41 10M CH37900 QPSK(1,25) 1G-26.5G

CSE B41 10M CH39700 16QAM(1,25) 30M-1G



CSE B41 10M CH37900 16QAM(1,25) 1G-26.5G



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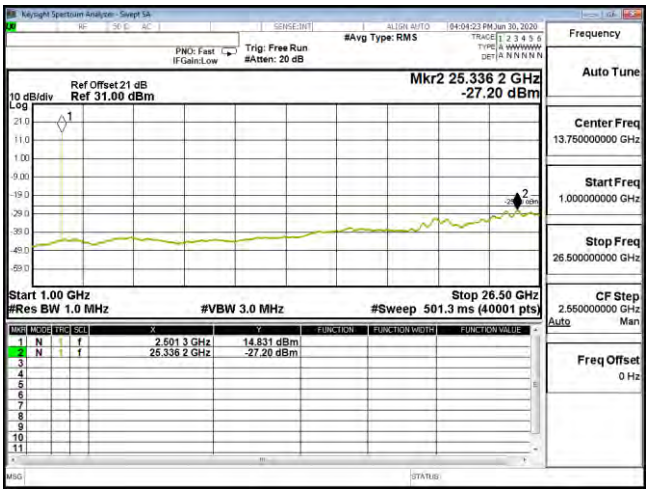
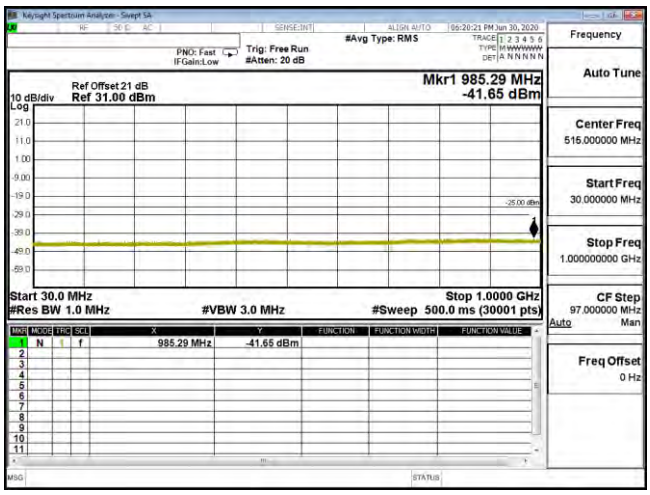


CSE B41 10M CH37900 64QAM(1,25) 1G-26.5G



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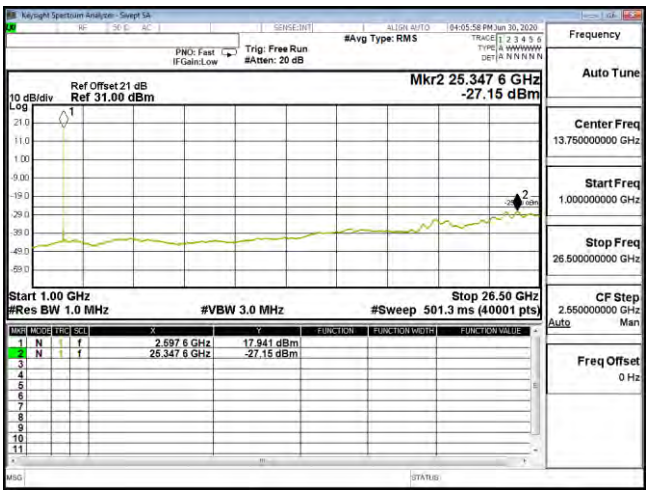
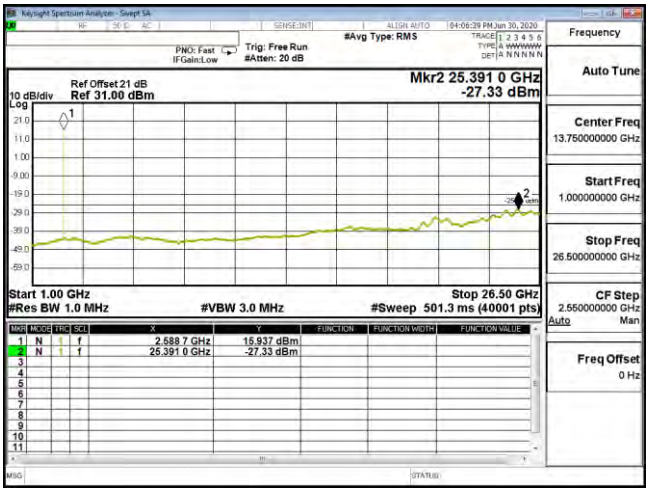


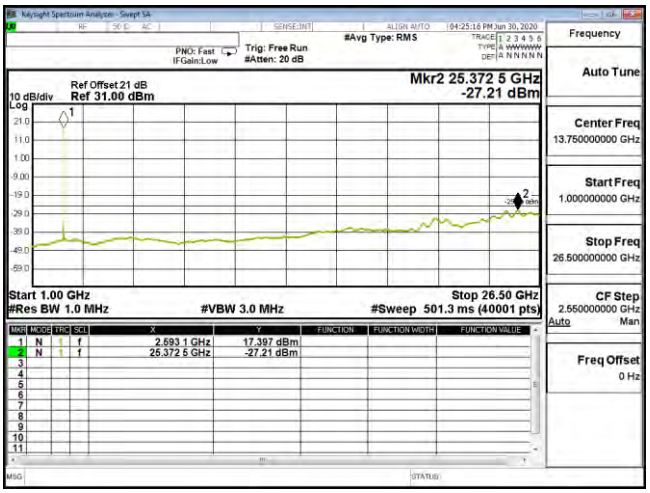
CSE B41 10M CH40620 QPSK(1,49) 1G-26.5G

CSE B41 10M CH40620 16QAM(1,0) 30M-1G

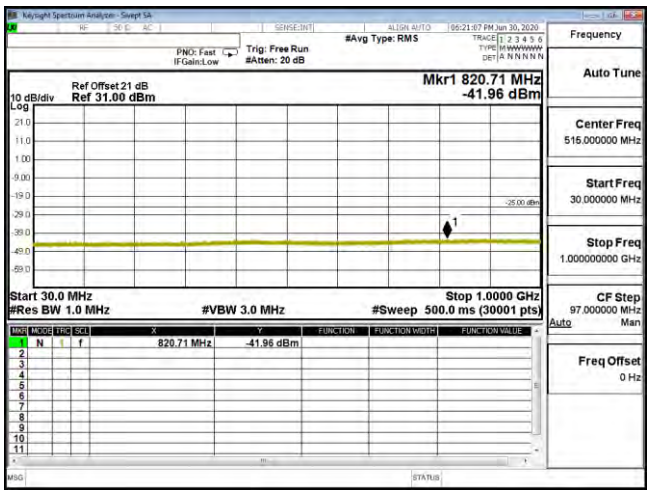


CSE B41 10M CH40620 16QAM(1,0) 1G-26.5G

CSE B41 10M CH40620 64QAM(1,25) 30M-1G



CSE B41 10M CH40620 64QAM(1,25) 1G-26.5G



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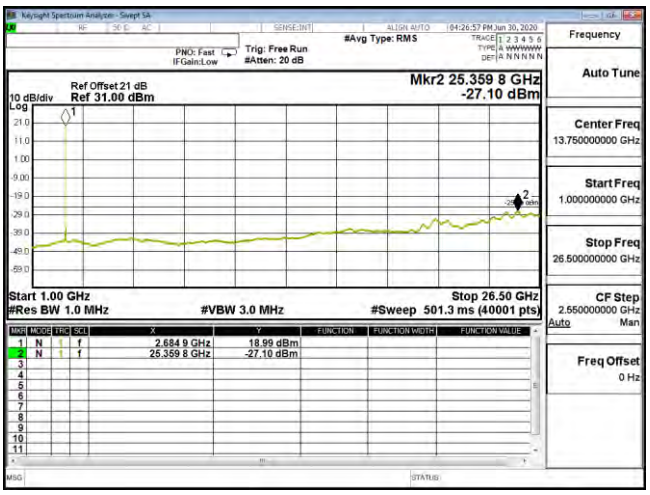
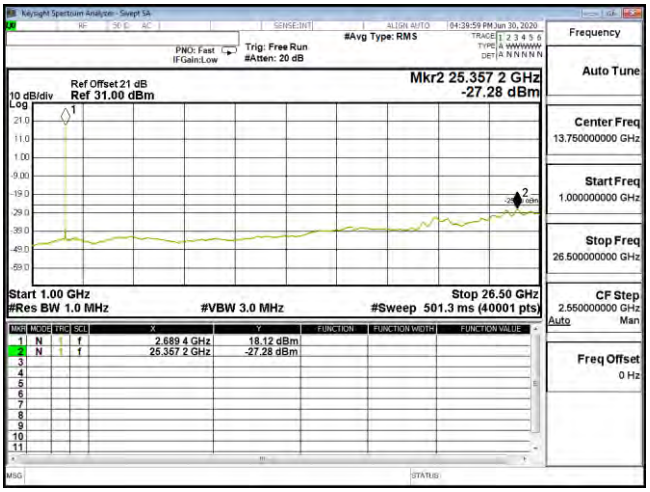


CSE B41 10M CH41540 QPSK(1,25) 1G-26.5G

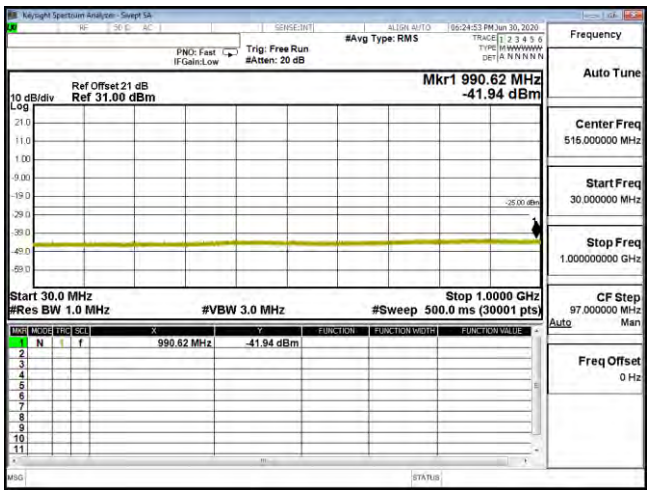
CSE B41 10M CH41540 16QAM(1,49) 30M-1G



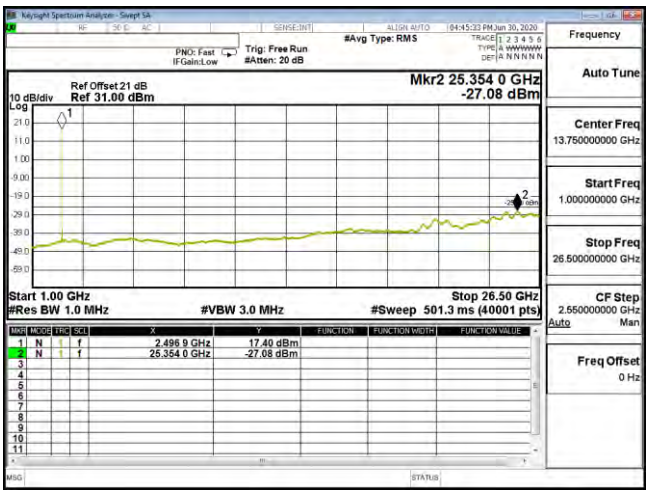
CSE B41 10M CH41540 16QAM(1,49) 1G-26.5G

CSE B41 10M CH41540 64QAM(1,25) 30M-1G

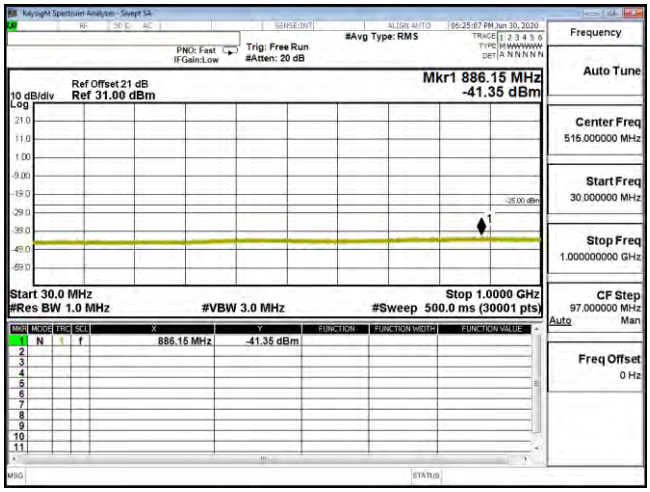
CSE B41 10M CH41540 64QAM(1,25) 1G-26.5G



CSE B41 15M CH39725 QPSK(1,0) 30M-1G



CSE B41 15M CH39725 QPSK(1,0) 1G-26.5G



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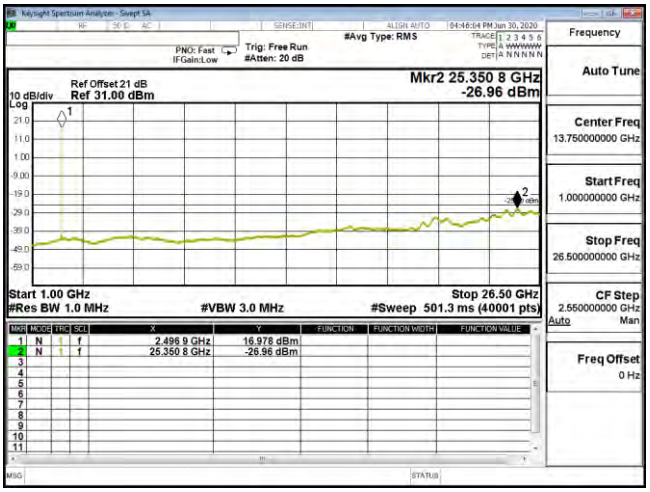

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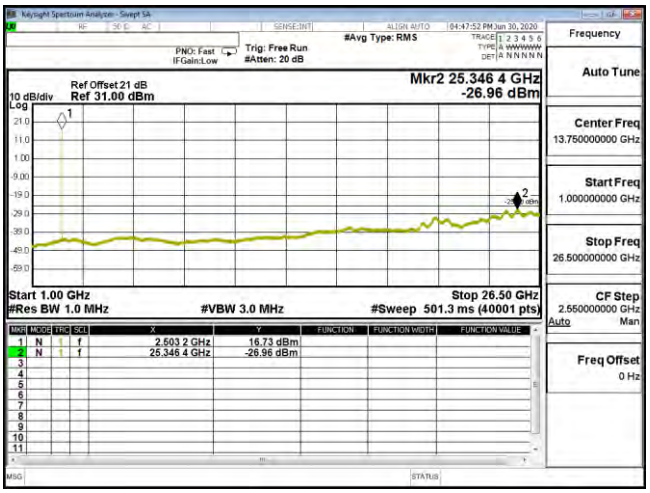
CSE B41 15M CH39725 64QAM(1,37) 30M-1G



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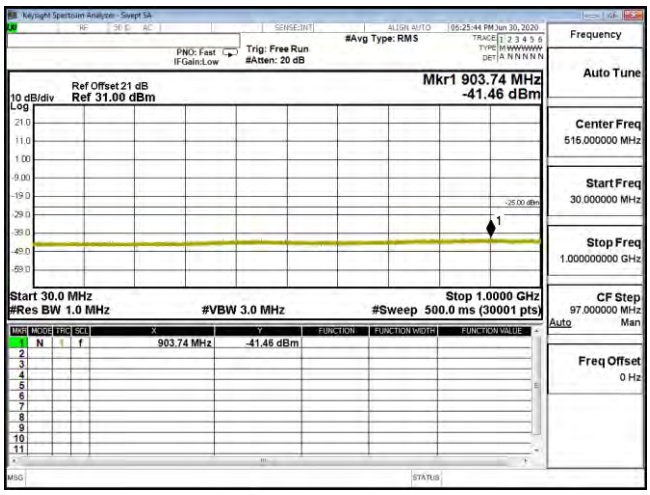

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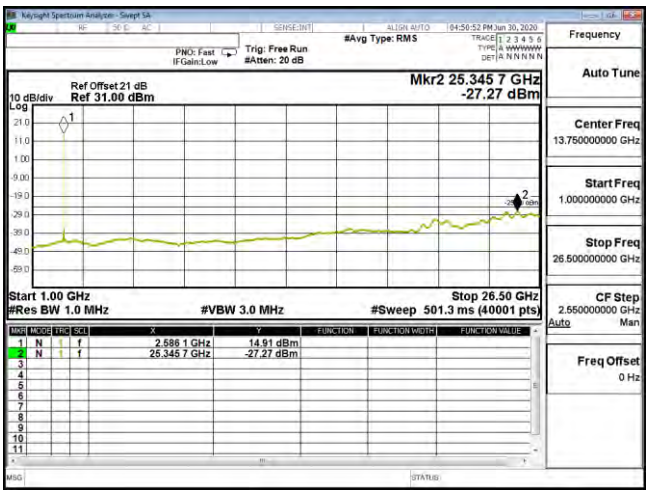
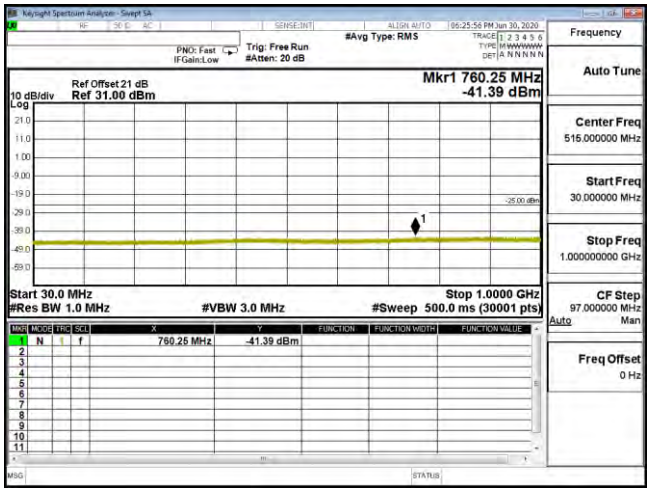
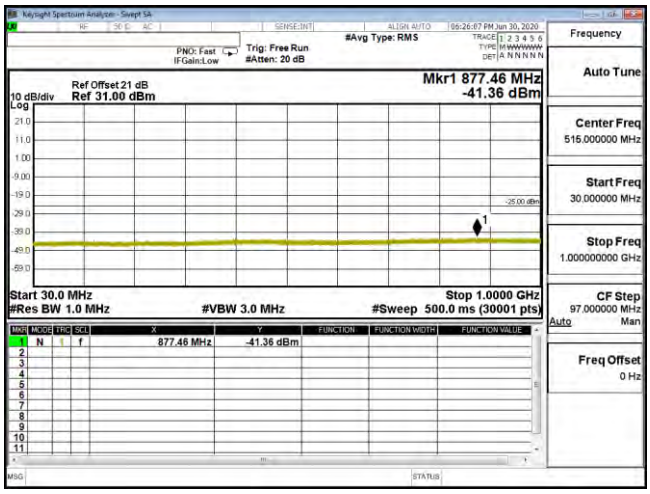


CSE B41 15M CH40620 QPSK(1,0) 1G-26.5G



CSE B41 15M CH40620 16QAM(1,0) 30M-1G

CSE B41 15M CH40620 16QAM(1,0) 1G-26.5G



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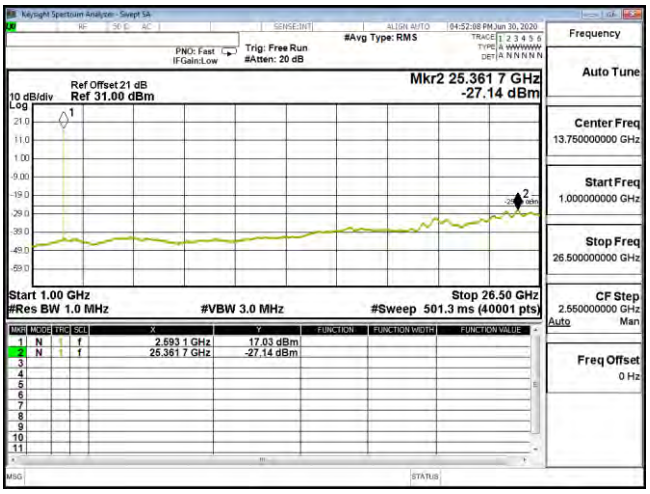
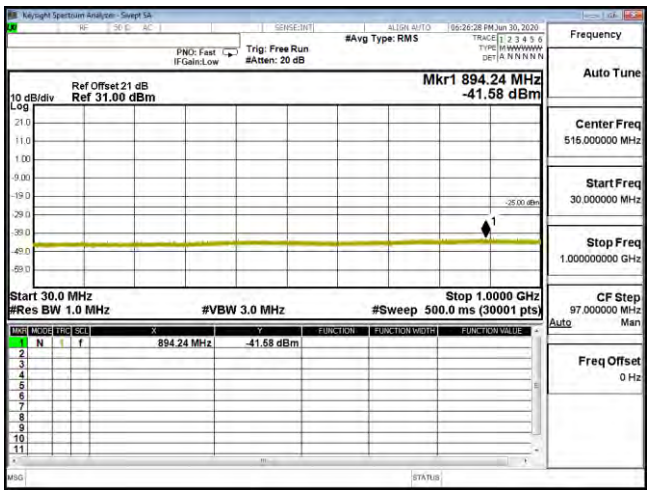


CSE B41 15M CH40620 64QAM(1,37) 1G-26.5G



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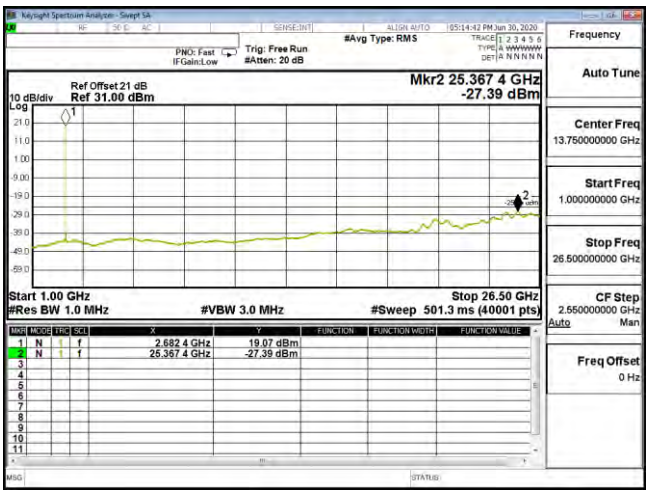
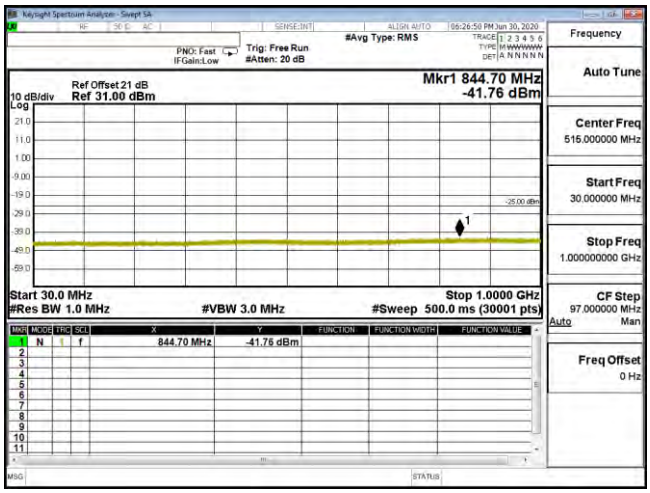


CSE B41 15M CH41515 QPSK(1,37) 1G-26.5G

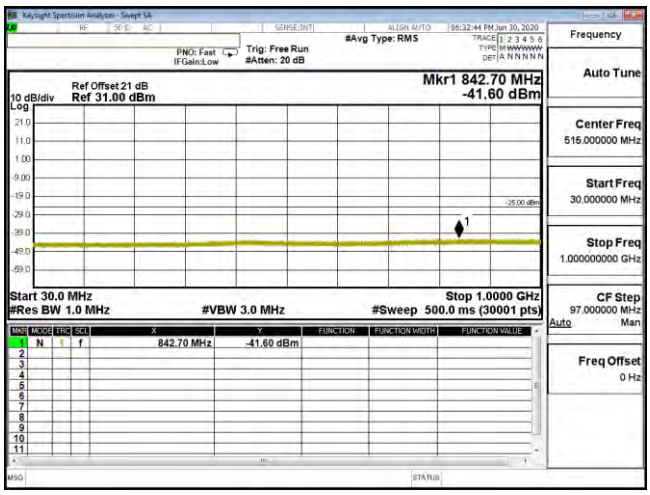
CSE B41 15M CH41515 16QAM(1,0) 30M-1G

CSE B41 15M CH41515 16QAM(1,0) 1G-26.5G

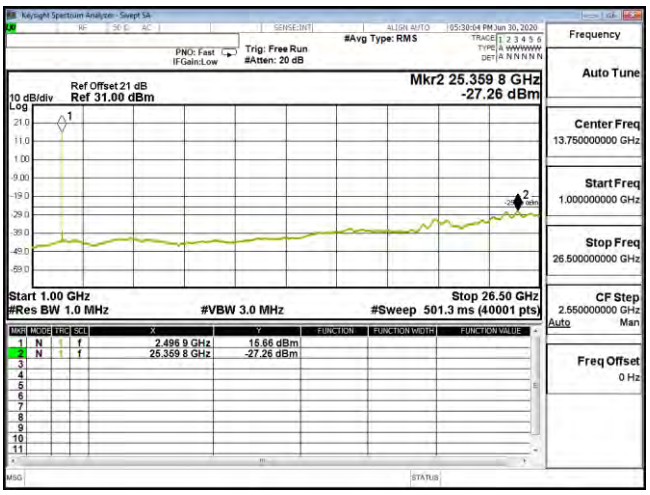


CSE B41 15M CH41515 64QAM(1,37) 30M-1G

CSE B41 15M CH41515 64QAM(1,37) 1G-26.5G

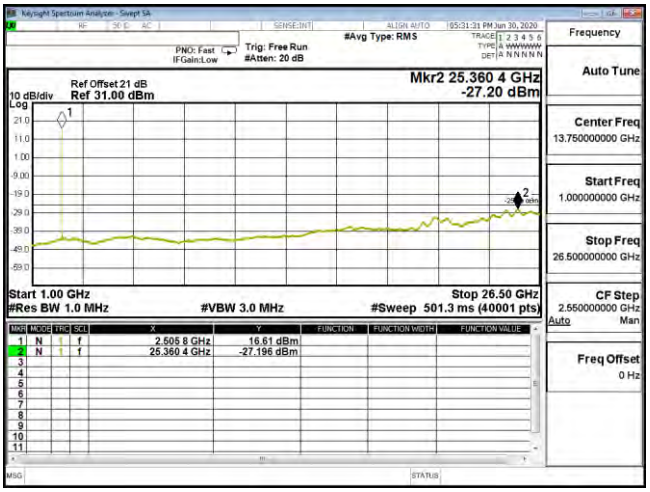


CSE B41 20M CH39750 QPSK(1,0) 30M-1G



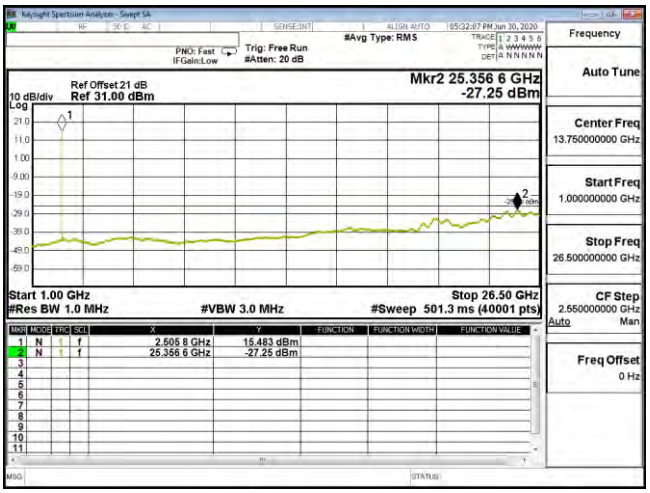
CSE B41 20M CH39750 QPSK(1,0) 1G-26.5G

CSE B41 20M CH39750 16QAM(1,50) 30M-1G

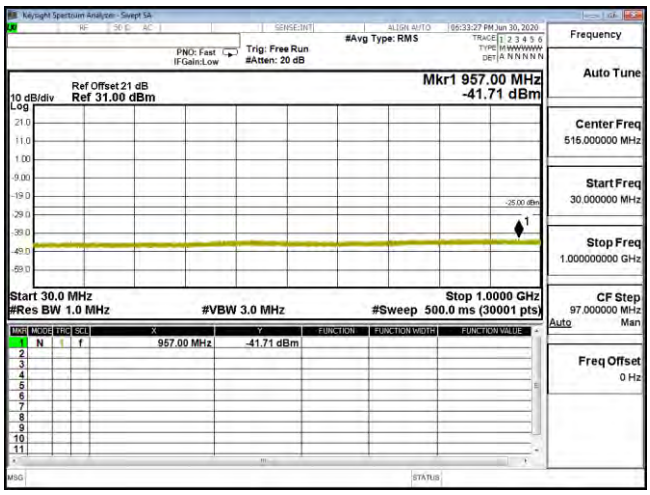


CSE B41 20M CH39750 16QAM(1,50) 1G-26.5G

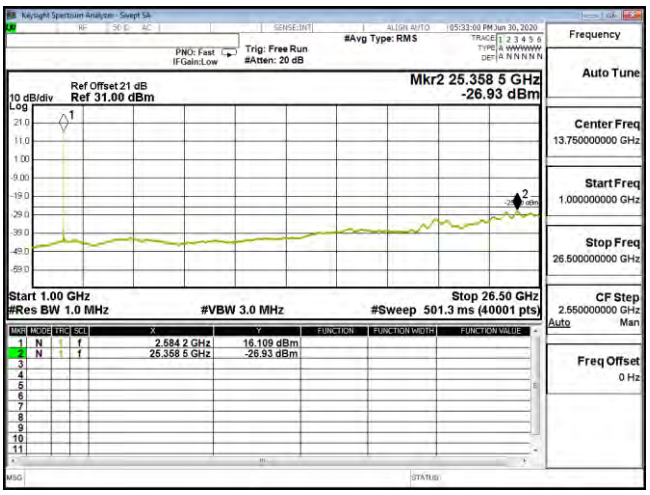
CSE B41 20M CH39750 64QAM(1,50) 30M-1G



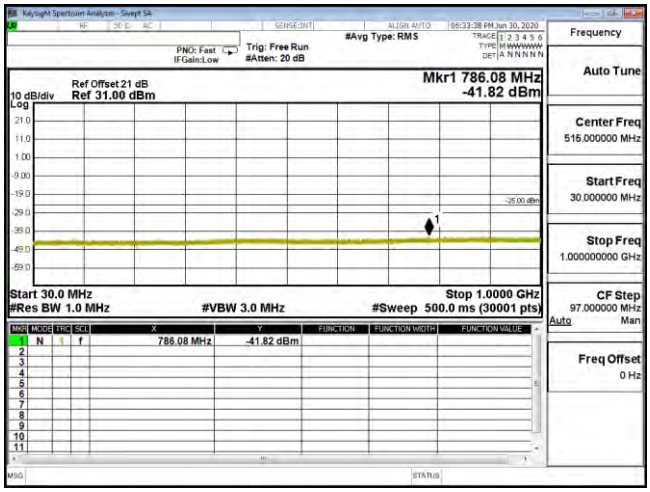
CSE B41 20M CH39750 64QAM(1,50) 1G-26.5G



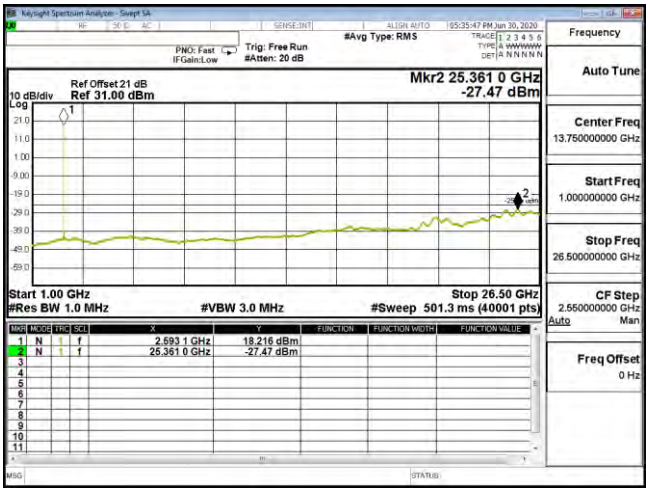
CSE B41 20M CH40620 QPSK(1,0) 30M-1G



CSE B41 20M CH40620 QPSK(1,0) 1G-26.5G



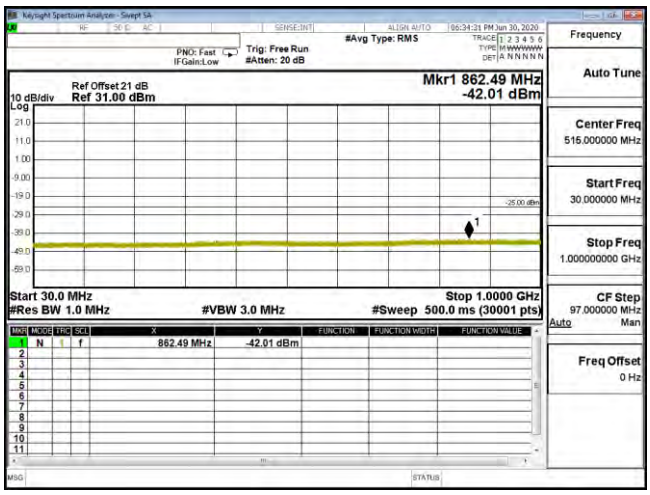
CSE B41 20M CH40620 16QAM(1,50) 30M-1G



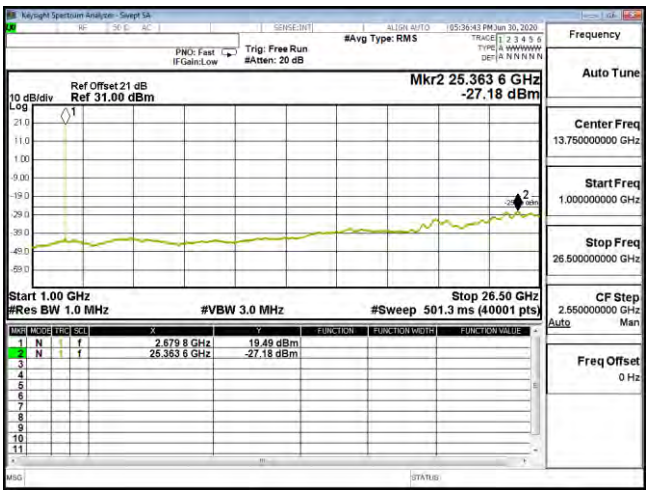
CSE B41 20M CH40620 16QAM(1,50) 1G-26.5G

CSE B41 20M CH40620 64QAM(1,50) 30M-1G

CSE B41 20M CH40620 64QAM(1,50) 1G-26.5G

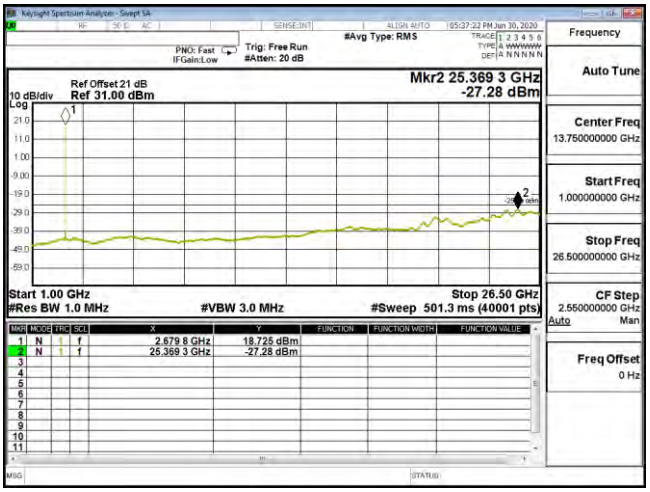


CSE B41 20M CH41490 QPSK(1,50) 30M-1G



CSE B41 20M CH41490 QPSK(1,50) 1G-26.5G

CSE B41 20M CH41490 16QAM(1,50) 30M-1G



CSE B41 20M CH41490 16QAM(1,50) 1G-26.5G

CSE B41 20M CH41490 64QAM(1,50) 30M-1G

CSE B41 20M CH41490 64QAM(1,50) 1G-26.5G

Product	Mobile Computer		
Test Mode	Spurious Emission (Radiated) - Multi Band Dipole Antenna (STAF)		
Date of Test	2020/07/02	Test Site	Site3
Test Condition	Band 4 (1.4M) QPSK	Test Range	9kHz ~20GHz

Polarity	CH	RB No.	RB Offset	Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna Gain	EIRP Value	Limit
				(GHz)	(dBm)	(dBm)	(dB)	(dBi)	(dBm)	(dBm)
Horizontal	Low	3	2	3421	-42.78	-56.34	2.53	12.6	-46.27	-13
Horizontal	Low	3	2	5132	-42.73	-51.42	3.05	13.1	-41.37	-13
Horizontal	Low	3	2	6843	-41.33	-45.51	3.65	11.5	-37.66	-13
Vertical	Low	3	2	3421	-49.09	-62.85	2.53	12.6	-52.78	-13
Vertical	Low	3	2	5132	-40.92	-50.28	3.05	13.1	-40.23	-13
Vertical	Low	3	2	6843	-40.22	-44.73	3.65	11.5	-36.88	-13
Horizontal	Mid	3	2	3465	-46.63	-59.61	2.53	12.6	-49.54	-13
Horizontal	Mid	3	2	5198	-40.37	-49.08	3.05	13.1	-39.03	-13
Horizontal	Mid	3	2	6930	-43.74	-48.05	3.65	11.5	-40.20	-13
Vertical	Mid	3	2	3465	-50.40	-63.87	2.53	12.6	-53.80	-13
Vertical	Mid	3	2	5198	-38.88	-47.99	3.05	13.1	-37.94	-13
Vertical	Mid	3	2	6930	-41.47	-46.02	3.65	11.5	-38.17	-13
Horizontal	High	3	0	3509	-50.99	-63.45	2.53	12.6	-53.38	-13
Horizontal	High	3	0	5263	-44.98	-53.43	3.05	13.1	-43.38	-13
Horizontal	High	3	0	7017	-45.70	-50.20	3.65	11.5	-42.35	-13
Vertical	High	3	0	3509	-51.11	-64.21	2.53	12.6	-54.14	-13
Vertical	High	3	0	5263	-42.54	-51.93	3.05	13.1	-41.88	-13
Vertical	High	3	0	7017	-41.82	-46.35	3.65	11.5	-38.50	-13

Note:

1. Receiver setting (Peak Detector) : RBW:1MHz; VBW:3MHz
2. ERP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 8 GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

Product	Mobile Computer		
Test Mode	Spurious Emission (Radiated) - Multi Band Dipole Antenna (STAF)		
Date of Test	2020/07/02	Test Site	Site3
Test Condition	Band 4 (3M) QPSK	Test Range	9kHz ~20GHz

Polarity	CH	RB No.	RB Offset	Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna Gain	EIRP Value	Limit
				(GHz)	(dBm)	(dBm)	(dB)	(dBi)	(dBm)	(dBm)
Horizontal	Low	1	14	3423	-45.36	-58.87	2.53	12.6	-48.80	-13
Horizontal	Low	1	14	5135	-43.90	-52.59	3.05	13.1	-42.54	-13
Horizontal	Low	1	14	6846	-42.22	-46.40	3.65	11.5	-38.55	-13
Vertical	Low	1	14	3423	-49.29	-63.03	2.53	12.6	-52.96	-13
Vertical	Low	1	14	5135	-42.10	-51.44	3.05	13.1	-41.39	-13
Vertical	Low	1	14	6846	-40.46	-44.97	3.65	11.5	-37.12	-13
Horizontal	Mid	1	7	3465	-47.91	-60.89	2.53	12.6	-50.82	-13
Horizontal	Mid	1	7	5198	-41.53	-50.24	3.05	13.1	-40.19	-13
Horizontal	Mid	1	7	6930	-42.24	-46.55	3.65	11.5	-38.70	-13
Vertical	Mid	1	7	3465	-51.10	-64.57	2.53	12.6	-54.50	-13
Vertical	Mid	1	7	5198	-38.79	-47.90	3.05	13.1	-37.85	-13
Vertical	Mid	1	7	6930	-39.85	-44.40	3.65	11.5	-36.55	-13
Horizontal	High	1	0	3507	-50.95	-63.43	2.53	12.6	-53.36	-13
Horizontal	High	1	0	5261	-46.30	-54.77	3.05	13.1	-44.72	-13
Horizontal	High	1	0	7014	-46.28	-50.83	3.65	11.5	-42.98	-13
Vertical	High	1	0	3507	-51.06	-64.22	2.53	12.6	-54.15	-13
Vertical	High	1	0	5261	-44.57	-53.93	3.05	13.1	-43.88	-13
Vertical	High	1	0	7014	-42.56	-47.15	3.65	11.5	-39.30	-13

Note:

1. Receiver setting (Peak Detector) : RBW:1MHz; VBW:3MHz
2. ERP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 8 GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

Product	Mobile Computer		
Test Mode	Spurious Emission (Radiated) - Multi Band Dipole Antenna (STAF)		
Date of Test	2020/07/02	Test Site	Site3
Test Condition	Band 4 (5M) QPSK	Test Range	9kHz ~20GHz

Polarity	CH	RB No.	RB Offset	Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna Gain	EIRP Value	Limit
				(GHz)	(dBm)	(dBm)	(dB)	(dBi)	(dBm)	(dBm)
Horizontal	Low	1	12	3425	-41.49	-55.00	2.53	12.6	-44.93	-13
Horizontal	Low	1	12	5138	-38.98	-47.67	3.05	13.1	-37.62	-13
Horizontal	Low	1	12	6850	-38.11	-42.29	3.65	11.5	-34.44	-13
Vertical	Low	1	12	3425	-45.61	-59.35	2.53	12.6	-49.28	-13
Vertical	Low	1	12	5138	-35.41	-44.75	3.05	13.1	-34.70	-13
Vertical	Low	1	12	6850	-36.91	-41.42	3.65	11.5	-33.57	-13
Horizontal	Mid	1	12	3465	-45.47	-58.45	2.53	12.6	-48.38	-13
Horizontal	Mid	1	12	5198	-36.04	-44.75	3.05	13.1	-34.70	-13
Horizontal	Mid	1	12	6930	-41.12	-45.43	3.65	11.5	-37.58	-13
Vertical	Mid	1	12	3465	-47.62	-61.09	2.53	12.6	-51.02	-13
Vertical	Mid	1	12	5198	-33.94	-43.05	3.05	13.1	-33.00	-13
Vertical	Mid	1	12	6930	-38.44	-42.99	3.65	11.5	-35.14	-13
Horizontal	High	1	12	3505	-47.16	-59.64	2.53	12.6	-49.57	-13
Horizontal	High	1	12	5258	-32.55	-41.02	3.05	13.1	-30.97	-13
Horizontal	High	1	12	7010	-44.29	-48.84	3.65	11.5	-40.99	-13
Vertical	High	1	12	3505	-46.55	-59.71	2.53	12.6	-49.64	-13
Vertical	High	1	12	5258	-41.35	-44.06	3.05	13.1	-34.01	-13
Vertical	High	1	12	7010	-48.97	-45.94	3.65	11.5	-38.09	-13

Note:

1. Receiver setting (Peak Detector) : RBW:1MHz; VBW:3MHz
2. ERP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 8 GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

Product	Mobile Computer		
Test Mode	Spurious Emission (Radiated) - Multi Band Dipole Antenna (STAF)		
Date of Test	2020/07/02	Test Site	Site3
Test Condition	Band 4 (10M) QPSK	Test Range	9kHz ~20GHz

Polarity	CH	RB No.	RB Offset	Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna Gain	EIRP Value	Limit
				(GHz)	(dBm)	(dBm)	(dB)	(dBi)	(dBm)	(dBm)
Horizontal	Low	1	25	3430	-42.18	-55.62	2.53	12.6	-45.55	-13
Horizontal	Low	1	25	5145	-39.07	-47.76	3.05	13.1	-37.71	-13
Horizontal	Low	1	25	6860	-39.71	-43.89	3.65	11.5	-36.04	-13
Vertical	Low	1	25	3430	-45.46	-59.16	2.53	12.6	-49.09	-13
Vertical	Low	1	25	5145	-38.22	-47.53	3.05	13.1	-37.48	-13
Vertical	Low	1	25	6860	-37.00	-41.51	3.65	11.5	-33.66	-13
Horizontal	Mid	1	25	3465	-44.93	-57.91	2.53	12.6	-47.84	-13
Horizontal	Mid	1	25	5198	-35.37	-44.08	3.05	13.1	-34.03	-13
Horizontal	Mid	1	25	6930	-41.01	-45.32	3.65	11.5	-37.47	-13
Vertical	Mid	1	25	3465	-48.95	-62.42	2.53	12.6	-52.35	-13
Vertical	Mid	1	25	5198	-34.41	-43.52	3.05	13.1	-33.47	-13
Vertical	Mid	1	25	6930	-36.81	-41.36	3.65	11.5	-33.51	-13
Horizontal	High	1	25	3500	-49.76	-62.27	2.53	12.6	-52.20	-13
Horizontal	High	1	25	5250	-38.08	-46.58	3.05	13.1	-36.53	-13
Horizontal	High	1	25	7000	-43.01	-47.62	3.65	11.5	-39.77	-13
Vertical	High	1	25	3500	-48.15	-61.37	2.53	12.6	-51.30	-13
Vertical	High	1	25	5250	-36.06	-45.39	3.05	13.1	-35.34	-13
Vertical	High	1	25	7000	-39.29	-43.93	3.65	11.5	-36.08	-13

Note:

1. Receiver setting (Peak Detector) : RBW:1MHz; VBW:3MHz
2. ERP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 8 GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

Product	Mobile Computer		
Test Mode	Spurious Emission (Radiated) - Multi Band Dipole Antenna (STAF)		
Date of Test	2020/07/02	Test Site	Site3
Test Condition	Band 4 (15M) QPSK	Test Range	9kHz ~20GHz

Polarity	CH	RB No.	RB Offset	Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna Gain	EIRP Value	Limit
				(GHz)	(dBm)	(dBm)	(dB)	(dBi)	(dBm)	(dBm)
Horizontal	Low	1	37	3435	-43.52	-56.90	2.53	12.6	-46.83	-13
Horizontal	Low	1	37	5153	-39.52	-48.22	3.05	13.1	-38.17	-13
Horizontal	Low	1	37	6870	-41.52	-45.70	3.65	11.5	-37.85	-13
Vertical	Low	1	37	3435	-46.94	-60.61	2.53	12.6	-50.54	-13
Vertical	Low	1	37	5153	-37.92	-47.20	3.05	13.1	-37.15	-13
Vertical	Low	1	37	6870	-39.39	-43.90	3.65	11.5	-36.05	-13
Horizontal	Mid	1	37	3465	-46.17	-59.15	2.53	12.6	-49.08	-13
Horizontal	Mid	1	37	5198	-35.73	-44.44	3.05	13.1	-34.39	-13
Horizontal	Mid	1	37	6930	-40.95	-45.26	3.65	11.5	-37.41	-13
Vertical	Mid	1	37	3465	-48.28	-61.74	2.53	12.6	-51.67	-13
Vertical	Mid	1	37	5198	-34.30	-43.41	3.05	13.1	-33.36	-13
Vertical	Mid	1	37	6930	-37.49	-42.04	3.65	11.5	-34.19	-13
Horizontal	High	1	37	3495	-49.10	-61.67	2.53	12.6	-51.60	-13
Horizontal	High	1	37	5243	-36.01	-44.54	3.05	13.1	-34.49	-13
Horizontal	High	1	37	6990	-40.95	-45.52	3.65	11.5	-37.67	-13
Vertical	High	1	37	3495	-48.23	-61.49	2.53	12.6	-51.42	-13
Vertical	High	1	37	5243	-34.20	-43.49	3.05	13.1	-33.44	-13
Vertical	High	1	37	6990	-37.61	-42.24	3.65	11.5	-34.39	-13

Note:

1. Receiver setting (Peak Detector) : RBW:1MHz; VBW:3MHz
2. ERP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 8 GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

Product	Mobile Computer		
Test Mode	Spurious Emission (Radiated) - Multi Band Dipole Antenna (STAF)		
Date of Test	2020/07/02	Test Site	Site3
Test Condition	Band 4 (20M) QPSK	Test Range	9kHz ~20GHz

Polarity	CH	RB No.	RB Offset	Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna Gain	EIRP Value	Limit
				(GHz)	(dBm)	(dBm)	(dB)	(dBi)	(dBm)	(dBm)
Horizontal	Low	1	50	3440	-43.88	-57.19	2.53	12.6	-47.12	-13
Horizontal	Low	1	50	5160	-40.88	-49.58	3.05	13.1	-39.53	-13
Horizontal	Low	1	50	6880	-43.66	-47.84	3.65	11.5	-39.99	-13
Vertical	Low	1	50	3440	-47.26	-60.90	2.53	12.6	-50.83	-13
Vertical	Low	1	50	5160	-36.72	-45.97	3.05	13.1	-35.92	-13
Vertical	Low	1	50	6880	-40.81	-45.32	3.65	11.5	-37.47	-13
Horizontal	Mid	1	50	3465	-46.19	-59.17	2.53	12.6	-49.10	-13
Horizontal	Mid	1	50	5198	-38.84	-47.55	3.05	13.1	-37.50	-13
Horizontal	Mid	1	50	6930	-43.88	-48.19	3.65	11.5	-40.34	-13
Vertical	Mid	1	50	3465	-48.81	-62.28	2.53	12.6	-52.21	-13
Vertical	Mid	1	50	5198	-37.20	-46.31	3.05	13.1	-36.26	-13
Vertical	Mid	1	50	6930	-40.35	-44.90	3.65	11.5	-37.05	-13
Horizontal	High	1	50	3490	-48.29	-60.93	2.53	12.6	-50.86	-13
Horizontal	High	1	50	5235	-40.39	-48.95	3.05	13.1	-38.90	-13
Horizontal	High	1	50	6980	-43.16	-47.69	3.65	11.5	-39.84	-13
Vertical	High	1	50	3490	-51.72	-65.02	2.53	12.6	-54.95	-13
Vertical	High	1	50	5235	-37.80	-47.06	3.05	13.1	-37.01	-13
Vertical	High	1	50	6980	-40.95	-45.56	3.65	11.5	-37.71	-13

Note:

1. Receiver setting (Peak Detector) : RBW:1MHz; VBW:3MHz
2. ERP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 8 GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

Product	Mobile Computer		
Test Mode	Spurious Emission (Radiated) - Multi Band Dipole Antenna (STAF)		
Date of Test	2020/07/02	Test Site	Site3
Test Condition	Band 7 (5M) QPSK	Test Range	9kHz ~26.5GHz

Polarity	CH	RB No.	RB Offset	Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna Gain	EIRP Value	Limit
				(GHz)	(dBm)	(dBm)	(dB)	(dBi)	(dBm)	(dBm)
Horizontal	Low	1	12	5005	-52.82	-62.43	3.05	13.1	-52.38	-25
Horizontal	Low	1	12	7508	-54.14	-58.49	3.65	11.5	-50.64	-25
Horizontal	Low	1	12	10010	-49.43	-54.63	3.85	12.0	-46.48	-25
Vertical	Low	1	12	5005	-52.90	-63.71	3.05	13.1	-53.66	-25
Vertical	Low	1	12	7508	-50.50	-54.61	3.65	11.5	-46.76	-25
Vertical	Low	1	12	10010	-49.18	-54.21	3.85	12.0	-46.06	-25
Horizontal	Mid	1	12	5070	-50.81	-59.78	3.05	13.1	-49.73	-25
Horizontal	Mid	1	12	7605	-54.54	-58.74	3.65	11.5	-50.89	-25
Horizontal	Mid	1	12	10140	-49.49	-54.58	3.85	12.0	-46.43	-25
Vertical	Mid	1	12	5070	-51.48	-61.38	3.05	13.1	-51.33	-25
Vertical	Mid	1	12	7605	-53.67	-58.13	3.65	11.5	-50.28	-25
Vertical	Mid	1	12	10140	-50.01	-54.71	3.85	12.0	-46.56	-25
Horizontal	High	1	12	5135	-49.70	-58.39	3.05	13.1	-48.34	-25
Horizontal	High	1	12	7703	-51.17	-55.99	3.65	11.5	-48.14	-25
Horizontal	High	1	12	10270	-49.23	-54.21	3.85	12.0	-46.06	-25
Vertical	High	1	12	5135	-48.45	-57.80	3.05	13.1	-47.75	-25
Vertical	High	1	12	7703	-50.61	-54.99	3.65	11.5	-47.14	-25
Vertical	High	1	12	10270	-48.30	-53.32	3.85	12.0	-45.17	-25

Note:

1. Receiver setting (Peak Detector) : RBW:1MHz; VBW:3MHz
2. ERP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 11 GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

Product	Mobile Computer		
Test Mode	Spurious Emission (Radiated) - Multi Band Dipole Antenna (STAF)		
Date of Test	2020/07/02	Test Site	Site3
Test Condition	Band 7 (10M) QPSK	Test Range	9kHz ~26.5GHz

Polarity	CH	RB No.	RB Offset	Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna Gain	EIRP Value	Limit
				(GHz)	(dBm)	(dBm)	(dB)	(dBi)	(dBm)	(dBm)
Horizontal	Low	1	25	5010	-53.12	-62.68	3.05	13.1	-52.63	-25
Horizontal	Low	1	25	7515	-54.52	-58.85	3.65	11.5	-51.00	-25
Horizontal	Low	1	25	10020	-49.98	-55.20	3.85	12.0	-47.05	-25
Vertical	Low	1	25	5010	-52.27	-63.01	3.05	13.1	-52.96	-25
Vertical	Low	1	25	7515	-51.95	-56.09	3.65	11.5	-48.24	-25
Vertical	Low	1	25	10020	-50.11	-55.12	3.85	12.0	-46.97	-25
Horizontal	Mid	1	25	5070	-51.01	-59.98	3.05	13.1	-49.93	-25
Horizontal	Mid	1	25	7605	-55.46	-59.66	3.65	11.5	-51.81	-25
Horizontal	Mid	1	25	10140	-49.04	-54.13	3.85	12.0	-45.98	-25
Vertical	Mid	1	25	5070	-50.22	-60.12	3.05	13.1	-50.07	-25
Vertical	Mid	1	25	7605	-52.68	-57.14	3.65	11.5	-49.29	-25
Vertical	Mid	1	25	10140	-49.71	-54.41	3.85	12.0	-46.26	-25
Horizontal	High	1	25	5130	-48.34	-57.03	3.05	13.1	-46.98	-25
Horizontal	High	1	25	7695	-50.96	-55.76	3.65	11.5	-47.91	-25
Horizontal	High	1	25	10260	-49.43	-54.35	3.85	12.0	-46.20	-25
Vertical	High	1	25	5130	-48.75	-58.12	3.05	13.1	-48.07	-25
Vertical	High	1	25	7695	-49.54	-53.92	3.65	11.5	-46.07	-25
Vertical	High	1	25	10260	-48.55	-53.48	3.85	12.0	-45.33	-25

Note:

1. Receiver setting (Peak Detector) : RBW:1MHz; VBW:3MHz
2. ERP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 11 GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

Product	Mobile Computer		
Test Mode	Spurious Emission (Radiated) - Multi Band Dipole Antenna (STAF)		
Date of Test	2020/07/02	Test Site	Site3
Test Condition	Band 7 (15M) QPSK	Test Range	9kHz ~26.5GHz

Polarity	CH	RB No.	RB Offset	Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna Gain	EIRP Value	Limit
				(GHz)	(dBm)	(dBm)	(dB)	(dBi)	(dBm)	(dBm)
Horizontal	Low	1	37	5015	-53.68	-63.19	3.05	13.1	-53.14	-25
Horizontal	Low	1	37	7523	-53.96	-58.28	3.65	11.5	-50.43	-25
Horizontal	Low	1	37	10030	-50.61	-55.86	3.85	12.0	-47.71	-25
Vertical	Low	1	37	5015	-52.05	-62.72	3.05	13.1	-52.67	-25
Vertical	Low	1	37	7523	-51.97	-56.14	3.65	11.5	-48.29	-25
Vertical	Low	1	37	10030	-50.28	-55.28	3.85	12.0	-47.13	-25
Horizontal	Mid	1	37	5070	-50.85	-59.82	3.05	13.1	-49.77	-25
Horizontal	Mid	1	37	7605	-53.41	-57.61	3.65	11.5	-49.76	-25
Horizontal	Mid	1	37	10140	-48.20	-53.29	3.85	12.0	-45.14	-25
Vertical	Mid	1	37	5070	-51.19	-61.09	3.05	13.1	-51.04	-25
Vertical	Mid	1	37	7605	-53.65	-58.11	3.65	11.5	-50.26	-25
Vertical	Mid	1	37	10140	-49.29	-54.00	3.85	12.0	-45.85	-25
Horizontal	High	1	37	5125	-49.10	-57.79	3.05	13.1	-47.74	-25
Horizontal	High	1	37	7688	-53.46	-58.21	3.65	11.5	-50.36	-25
Horizontal	High	1	37	10250	-46.18	-54.04	3.85	12.0	-45.89	-25
Vertical	High	1	37	5125	-49.07	-58.46	3.05	13.1	-48.41	-25
Vertical	High	1	37	7688	-53.28	-57.67	3.65	11.5	-49.82	-25
Vertical	High	1	37	10250	-45.34	-53.18	3.85	12.0	-45.03	-25

Note:

1. Receiver setting (Peak Detector) : RBW:1MHz; VBW:3MHz
2. ERP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 11 GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

Product	Mobile Computer		
Test Mode	Spurious Emission (Radiated) - Multi Band Dipole Antenna (STAF)		
Date of Test	2020/07/02	Test Site	Site3
Test Condition	Band 7 (20M) QPSK	Test Range	9kHz ~26.5GHz

Polarity	CH	RB No.	RB Offset	Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna Gain	EIRP Value	Limit
				(GHz)	(dBm)	(dBm)	(dB)	(dBi)	(dBm)	(dBm)
Horizontal	Low	1	50	5020	-52.65	-62.11	3.05	13.1	-52.06	-25
Horizontal	Low	1	50	7530	-56.58	-60.88	3.65	11.5	-53.03	-25
Horizontal	Low	1	50	10040	-51.39	-56.67	3.85	12.0	-48.52	-25
Vertical	Low	1	50	5020	-51.19	-61.79	3.05	13.1	-51.74	-25
Vertical	Low	1	50	7530	-53.62	-57.82	3.65	11.5	-49.97	-25
Vertical	Low	1	50	10040	-51.39	-56.37	3.85	12.0	-48.22	-25
Horizontal	Mid	1	50	5070	-51.05	-60.02	3.05	13.1	-49.97	-25
Horizontal	Mid	1	50	7605	-55.01	-59.21	3.65	11.5	-51.36	-25
Horizontal	Mid	1	50	10140	-49.94	-55.03	3.85	12.0	-46.88	-25
Vertical	Mid	1	50	5070	-50.61	-60.51	3.05	13.1	-50.46	-25
Vertical	Mid	1	50	7605	-48.75	-53.21	3.65	11.5	-45.36	-25
Vertical	Mid	1	50	10140	-48.68	-53.38	3.85	12.0	-45.23	-25
Horizontal	High	1	50	5120	-50.21	-58.90	3.05	13.1	-48.85	-25
Horizontal	High	1	50	7680	-51.73	-56.43	3.65	11.5	-48.58	-25
Horizontal	High	1	50	10240	-50.19	-54.99	3.85	12.0	-46.84	-25
Vertical	High	1	50	5120	-50.04	-59.45	3.05	13.1	-49.40	-25
Vertical	High	1	50	7680	-51.64	-56.04	3.65	11.5	-48.19	-25
Vertical	High	1	50	10240	-49.51	-54.27	3.85	12.0	-46.12	-25

Note:

1. Receiver setting (Peak Detector) : RBW:1MHz; VBW:3MHz
2. ERP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 11 GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

Product	Mobile Computer		
Test Mode	Spurious Emission (Radiated) - Multi Band Dipole Antenna (STAF)		
Date of Test	2020/07/02	Test Site	Site3
Test Condition	Band 12 (1.4M) QPSK	Test Range	9kHz ~10GHz

Polarity	CH	RB No.	RB Offset	Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna Gain	EIRP Value	Limit
				(GHz)	(dBm)	(dBm)	(dB)	(dBi)	(dBm)	(dBm)
Horizontal	Low	3	3	1399	-40.99	-57.45	1.63	9.8	-49.28	-13
Horizontal	Low	3	3	2099	-49.17	-61.83	2.10	10.6	-53.33	-13
Horizontal	Low	3	3	2799	-51.84	-67.57	2.35	12.3	-57.62	-13
Vertical	Low	3	3	1399	-47.93	-64.73	1.63	9.8	-56.56	-13
Vertical	Low	3	3	2099	-50.63	-64.65	2.10	10.6	-56.15	-13
Vertical	Low	3	3	2799	-51.47	-66.61	2.35	12.3	-56.66	-13
Horizontal	Mid	3	3	1415	-36.57	-52.88	1.63	9.8	-44.71	-13
Horizontal	Mid	3	3	2123	-50.01	-63.02	2.10	10.6	-54.52	-13
Horizontal	Mid	3	3	2830	-51.89	-67.54	2.35	12.3	-57.59	-13
Vertical	Mid	3	3	1415	-45.36	-62.20	1.63	9.8	-54.03	-13
Vertical	Mid	3	3	2123	-51.10	-64.84	2.10	10.6	-56.34	-13
Vertical	Mid	3	3	2830	-51.44	-66.29	2.35	12.3	-56.34	-13
Horizontal	High	3	2	1431	-37.54	-53.69	1.63	9.8	-45.52	-13
Horizontal	High	3	2	2146	-48.33	-61.74	2.10	10.6	-53.24	-13
Horizontal	High	3	2	2861	-52.16	-67.72	2.35	12.3	-57.77	-13
Vertical	High	3	2	1431	-46.08	-62.95	1.63	9.8	-54.78	-13
Vertical	High	3	2	2146	-50.86	-64.32	2.10	10.6	-55.82	-13
Vertical	High	3	2	2861	-50.20	-64.74	2.35	12.3	-54.79	-13

Note:

1. Receiver setting (Peak Detector) : RBW:1MHz; VBW:3MHz
2. ERP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 3 GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

Product	Mobile Computer		
Test Mode	Spurious Emission (Radiated) - Multi Band Dipole Antenna (STAF)		
Date of Test	2020/07/02	Test Site	Site3
Test Condition	Band 12 (3M) QPSK	Test Range	9kHz ~10GHz

Polarity	CH	RB No.	RB Offset	Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna Gain	EIRP Value	Limit
				(GHz)	(dBm)	(dBm)	(dB)	(dBi)	(dBm)	(dBm)
Horizontal	Low	1	7	1401	-38.58	-55.04	1.63	9.8	-46.87	-13
Horizontal	Low	1	7	2102	-46.03	-58.69	2.10	10.6	-50.19	-13
Horizontal	Low	1	7	2802	-51.98	-67.71	2.35	12.3	-57.76	-13
Vertical	Low	1	7	1401	-45.43	-62.23	1.63	9.8	-54.06	-13
Vertical	Low	1	7	2102	-49.43	-63.43	2.10	10.6	-54.93	-13
Vertical	Low	1	7	2802	-48.59	-63.72	2.35	12.3	-53.77	-13
Horizontal	Mid	1	7	1415	-37.28	-53.60	1.63	9.8	-45.43	-13
Horizontal	Mid	1	7	2123	-45.55	-58.56	2.10	10.6	-50.06	-13
Horizontal	Mid	1	7	2830	-50.88	-66.53	2.35	12.3	-56.58	-13
Vertical	Mid	1	7	1415	-46.22	-63.06	1.63	9.8	-54.89	-13
Vertical	Mid	1	7	2123	-49.27	-63.01	2.10	10.6	-54.51	-13
Vertical	Mid	1	7	2830	-51.20	-66.05	2.35	12.3	-56.10	-13
Horizontal	High	1	7	1429	-36.65	-52.82	1.63	9.8	-44.65	-13
Horizontal	High	1	7	2144	-46.62	-59.99	2.10	10.6	-51.49	-13
Horizontal	High	1	7	2858	-52.30	-67.87	2.35	12.3	-57.92	-13
Vertical	High	1	7	1429	-44.83	-61.70	1.63	9.8	-53.53	-13
Vertical	High	1	7	2144	-49.18	-62.66	2.10	10.6	-54.16	-13
Vertical	High	1	7	2858	-51.22	-65.80	2.35	12.3	-55.85	-13

Note:

1. Receiver setting (Peak Detector) : RBW:1MHz; VBW:3MHz
2. ERP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 3 GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

Product	Mobile Computer		
Test Mode	Spurious Emission (Radiated) - Multi Band Dipole Antenna (STAF)		
Date of Test	2020/07/02	Test Site	Site3
Test Condition	Band 12 (5M) QPSK	Test Range	9kHz ~10GHz

Polarity	CH	RB No.	RB Offset	Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna Gain	EIRP Value	Limit
				(GHz)	(dBm)	(dBm)	(dB)	(dBi)	(dBm)	(dBm)
Horizontal	Low	1	12	1403	-38.07	-54.51	1.63	9.8	-46.34	-13
Horizontal	Low	1	12	2105	-46.39	-59.10	2.10	10.6	-50.60	-13
Horizontal	Low	1	12	2806	-51.99	-67.71	2.35	12.3	-57.76	-13
Vertical	Low	1	12	1403	-45.65	-62.46	1.63	9.8	-54.29	-13
Vertical	Low	1	12	2105	-50.51	-64.47	2.10	10.6	-55.97	-13
Vertical	Low	1	12	2806	-48.77	-63.86	2.35	12.3	-53.91	-13
Horizontal	Mid	1	12	1415	-37.89	-54.21	1.63	9.8	-46.04	-13
Horizontal	Mid	1	12	2123	-45.37	-58.38	2.10	10.6	-49.88	-13
Horizontal	Mid	1	12	2830	-51.18	-66.83	2.35	12.3	-56.88	-13
Vertical	Mid	1	12	1415	-45.62	-62.46	1.63	9.8	-54.29	-13
Vertical	Mid	1	12	2123	-48.97	-62.71	2.10	10.6	-54.21	-13
Vertical	Mid	1	12	2830	-51.38	-66.23	2.35	12.3	-56.28	-13
Horizontal	High	1	12	1427	-36.62	-52.81	1.63	9.8	-44.64	-13
Horizontal	High	1	12	2141	-47.68	-61.00	2.10	10.6	-52.50	-13
Horizontal	High	1	12	2854	-51.06	-66.64	2.35	12.3	-56.69	-13
Vertical	High	1	12	1427	-45.45	-62.31	1.63	9.8	-54.14	-13
Vertical	High	1	12	2141	-49.37	-62.89	2.10	10.6	-54.39	-13
Vertical	High	1	12	2854	-51.24	-65.86	2.35	12.3	-55.91	-13

Note:

1. Receiver setting (Peak Detector) : RBW:1MHz; VBW:3MHz
2. ERP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 3 GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

Product	Mobile Computer		
Test Mode	Spurious Emission (Radiated) - Multi Band Dipole Antenna (STAF)		
Date of Test	2020/07/02	Test Site	Site3
Test Condition	Band 12 (10M) QPSK	Test Range	9kHz ~10GHz

Polarity	CH	RB No.	RB Offset	Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna Gain	EIRP Value	Limit
				(GHz)	(dBm)	(dBm)	(dB)	(dBi)	(dBm)	(dBm)
Horizontal	Low	1	25	1408	-37.84	-54.23	1.63	9.8	-46.06	-13
Horizontal	Low	1	25	2112	-48.74	-61.57	2.10	10.6	-53.07	-13
Horizontal	Low	1	25	2816	-52.70	-68.39	2.35	12.3	-58.44	-13
Vertical	Low	1	25	1408	-46.45	-63.27	1.63	9.8	-55.10	-13
Vertical	Low	1	25	2112	-51.25	-65.12	2.10	10.6	-56.62	-13
Vertical	Low	1	25	2816	-53.02	-68.01	2.35	12.3	-58.06	-13
Horizontal	Mid	1	49	1415	-36.25	-52.47	1.63	9.8	-44.30	-13
Horizontal	Mid	1	49	2123	-47.59	-60.83	2.10	10.6	-52.33	-13
Horizontal	Mid	1	49	2830	-52.03	-67.68	2.35	12.3	-57.73	-13
Vertical	Mid	1	49	1415	-44.41	-61.27	1.63	9.8	-53.10	-13
Vertical	Mid	1	49	2123	-50.39	-63.97	2.10	10.6	-55.47	-13
Vertical	Mid	1	49	2830	-47.96	-62.63	2.35	12.3	-52.68	-13
Horizontal	High	1	25	1422	-36.68	-52.92	1.63	9.8	-44.75	-13
Horizontal	High	1	25	2133	-49.06	-62.26	2.10	10.6	-53.76	-13
Horizontal	High	1	25	2844	-51.30	-66.91	2.35	12.3	-56.96	-13
Vertical	High	1	25	1422	-44.62	-61.47	1.63	9.8	-53.30	-13
Vertical	High	1	25	2133	-49.05	-62.67	2.10	10.6	-54.17	-13
Vertical	High	1	25	2844	-47.93	-62.64	2.35	12.3	-52.69	-13

Note:

1. Receiver setting (Peak Detector) : RBW:1MHz; VBW:3MHz
2. ERP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 3 GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

Product	Mobile Computer		
Test Mode	Spurious Emission (Radiated) - Multi Band Dipole Antenna (STAF)		
Date of Test	2020/07/02	Test Site	Site3
Test Condition	Band 13 (5M) QPSK	Test Range	9kHz ~10GHz

Polarity	CH	RB No.	RB Offset	Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna Gain	EIRP Value	Limit
				(GHz)	(dBm)	(dBm)	(dB)	(dBi)	(dBm)	(dBm)
Horizontal	Low	1	24	1559	-39.89	-56.69	1.63	9.8	-48.52	-40
Horizontal	Low	1	24	2339	-50.80	-65.18	2.10	10.6	-56.68	-13
Horizontal	Low	1	24	3118	-51.19	-65.64	2.35	12.3	-55.69	-13
Vertical	Low	1	24	1559	-46.35	-63.89	1.63	9.8	-55.72	-40
Vertical	Low	1	24	2339	-48.92	-62.89	2.10	10.6	-54.39	-13
Vertical	Low	1	24	3118	-51.08	-64.54	2.35	12.3	-54.59	-13
Horizontal	Mid	1	0	1564	-40.70	-57.43	1.63	9.8	-49.26	-40
Horizontal	Mid	1	0	2346	-50.34	-64.71	2.10	10.6	-56.21	-13
Horizontal	Mid	1	0	3128	-50.52	-64.98	2.35	12.3	-55.03	-13
Vertical	Mid	1	0	1564	-45.06	-62.57	1.63	9.8	-54.40	-40
Vertical	Mid	1	0	2346	-49.01	-63.10	2.10	10.6	-54.60	-13
Vertical	Mid	1	0	3128	-52.37	-65.73	2.35	12.3	-55.78	-13
Horizontal	High	1	12	1569	-38.80	-55.73	1.63	9.8	-47.56	-40
Horizontal	High	1	12	2354	-51.09	-65.32	2.10	10.6	-56.82	-13
Horizontal	High	1	12	3138	-52.32	-66.60	2.35	12.3	-56.65	-13
Vertical	High	1	12	1569	-46.06	-63.65	1.63	9.8	-55.48	-40
Vertical	High	1	12	2354	-51.51	-65.31	2.10	10.6	-56.81	-13
Vertical	High	1	12	3138	-51.90	-65.36	2.35	12.3	-55.41	-13

Note:

1. Receiver setting (Peak Detector) : RBW:1MHz; VBW:3MHz
2. ERP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 4 GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

Product	Mobile Computer		
Test Mode	Spurious Emission (Radiated) - Multi Band Dipole Antenna (STAF)		
Date of Test	2020/07/02	Test Site	Site3
Test Condition	Band 13 (10M) QPSK	Test Range	9kHz ~10GHz

Polarity	CH	RB No.	RB Offset	Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna Gain	EIRP Value	Limit
				(GHz)	(dBm)	(dBm)	(dB)	(dBi)	(dBm)	(dBm)
Horizontal	Mid	1	25	1564	-39.68	-56.50	1.63	9.8	-48.33	-40
Horizontal	Mid	1	25	2346	-50.79	-65.10	2.10	10.6	-56.60	-13
Horizontal	Mid	1	25	3128	-52.49	-66.87	2.35	12.3	-56.92	-13
Vertical	Mid	1	25	1564	-46.47	-64.02	1.63	9.8	-55.85	-40
Vertical	Mid	1	25	2346	-49.88	-63.83	2.10	10.6	-55.33	-13
Vertical	Mid	1	25	3128	-52.15	-65.51	2.35	12.3	-55.56	-13

Note:

1. Receiver setting (Peak Detector) : RBW:1MHz; VBW:3MHz
2. ERP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 4 GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

Product	Mobile Computer		
Test Mode	Spurious Emission (Radiated) - Multi Band Dipole Antenna (STAF)		
Date of Test	2020/07/02	Test Site	Site3
Test Condition	Band 25 (1.4M) QPSK	Test Range	9kHz ~20GHz

Polarity	CH	RB No.	RB Offset	Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna Gain	EIRP Value	Limit
				(GHz)	(dBm)	(dBm)	(dB)	(dBi)	(dBm)	(dBm)
Horizontal	Low	1	0	3701	-47.59	-60.16	2.53	12.6	-50.09	-13
Horizontal	Low	1	0	5552	-34.25	-42.72	3.05	13.1	-32.67	-13
Horizontal	Low	1	0	7403	-45.72	-50.00	3.65	11.5	-42.15	-13
Vertical	Low	1	0	3701	-49.06	-61.94	2.53	12.6	-51.87	-13
Vertical	Low	1	0	5552	-32.57	-41.64	3.05	13.1	-31.59	-13
Vertical	Low	1	0	7403	-38.94	-43.19	3.65	11.5	-35.34	-13
Horizontal	Mid	3	0	3765	-46.61	-58.51	2.53	12.6	-48.44	-13
Horizontal	Mid	3	0	5648	-32.31	-40.41	3.05	13.1	-30.36	-13
Horizontal	Mid	3	0	7530	-43.72	-48.02	3.65	11.5	-40.17	-13
Vertical	Mid	3	0	3765	-47.71	-60.03	2.53	12.6	-49.96	-13
Vertical	Mid	3	0	5648	-34.87	-43.64	3.05	13.1	-33.59	-13
Vertical	Mid	3	0	7530	-46.24	-50.43	3.65	11.5	-42.58	-13
Horizontal	High	1	0	3829	-47.33	-58.81	2.53	12.6	-48.74	-13
Horizontal	High	1	0	5743	-32.33	-40.14	3.05	13.1	-30.09	-13
Horizontal	High	1	0	7657	-43.76	-48.30	3.65	11.5	-40.45	-13
Vertical	High	1	0	3829	-47.46	-59.69	2.53	12.6	-49.62	-13
Vertical	High	1	0	5743	-33.14	-41.24	3.05	13.1	-31.19	-13
Vertical	High	1	0	7657	-47.17	-51.59	3.65	11.5	-43.74	-13

Note:

1. Receiver setting (Peak Detector) : RBW:1MHz; VBW:3MHz
2. ERP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 8 GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

Product	Mobile Computer		
Test Mode	Spurious Emission (Radiated) - Multi Band Dipole Antenna (STAF)		
Date of Test	2020/07/02	Test Site	Site3
Test Condition	Band 25 (3M) QPSK	Test Range	9kHz ~20GHz

Polarity	CH	RB No.	RB Offset	Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna Gain	EIRP Value	Limit
				(GHz)	(dBm)	(dBm)	(dB)	(dBi)	(dBm)	(dBm)
Horizontal	Low	1	7	3703	-48.65	-61.19	2.53	12.6	-51.12	-13
Horizontal	Low	1	7	5555	-32.87	-41.33	3.05	13.1	-31.28	-13
Horizontal	Low	1	7	7406	-44.77	-49.05	3.65	11.5	-41.20	-13
Vertical	Low	1	7	3703	-47.26	-60.11	2.53	12.6	-50.04	-13
Vertical	Low	1	7	5555	-34.48	-43.58	3.05	13.1	-33.53	-13
Vertical	Low	1	7	7406	-44.63	-48.87	3.65	11.5	-41.02	-13
Horizontal	Mid	1	7	3765	-46.88	-58.77	2.53	12.6	-48.70	-13
Horizontal	Mid	1	7	5648	-32.55	-40.64	3.05	13.1	-30.59	-13
Horizontal	Mid	1	7	7530	-44.03	-48.33	3.65	11.5	-40.48	-13
Vertical	Mid	1	7	3765	-47.48	-59.79	2.53	12.6	-49.72	-13
Vertical	Mid	1	7	5648	-35.17	-43.92	3.05	13.1	-33.87	-13
Vertical	Mid	1	7	7530	-46.09	-50.28	3.65	11.5	-42.43	-13
Horizontal	High	1	0	3827	-48.13	-59.61	2.53	12.6	-49.54	-13
Horizontal	High	1	0	5741	-34.58	-42.39	3.05	13.1	-32.34	-13
Horizontal	High	1	0	7654	-44.13	-48.62	3.65	11.5	-40.77	-13
Vertical	High	1	0	3827	-48.18	-60.39	2.53	12.6	-50.32	-13
Vertical	High	1	0	5741	-35.68	-43.77	3.05	13.1	-33.72	-13
Vertical	High	1	0	7654	-47.62	-52.04	3.65	11.5	-44.19	-13

Note:

1. Receiver setting (Peak Detector) : RBW:1MHz; VBW:3MHz
2. ERP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 8 GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

Product	Mobile Computer		
Test Mode	Spurious Emission (Radiated) - Multi Band Dipole Antenna (STAF)		
Date of Test	2020/07/02	Test Site	Site3
Test Condition	Band 25 (5M) QPSK	Test Range	9kHz ~20GHz

Polarity	CH	RB No.	RB Offset	Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna Gain	EIRP Value	Limit
				(GHz)	(dBm)	(dBm)	(dB)	(dBi)	(dBm)	(dBm)
Horizontal	Low	1	12	3705	-48.56	-61.08	2.53	12.6	-51.01	-13
Horizontal	Low	1	12	5558	-33.51	-41.96	3.05	13.1	-31.91	-13
Horizontal	Low	1	12	7410	-45.01	-49.30	3.65	11.5	-41.45	-13
Vertical	Low	1	12	3705	-48.94	-61.78	2.53	12.6	-51.71	-13
Vertical	Low	1	12	5558	-35.63	-44.75	3.05	13.1	-34.70	-13
Vertical	Low	1	12	7410	-45.60	-49.83	3.65	11.5	-41.98	-13
Horizontal	Mid	1	12	3765	-47.39	-59.28	2.53	12.6	-49.21	-13
Horizontal	Mid	1	12	5648	-32.55	-40.64	3.05	13.1	-30.59	-13
Horizontal	Mid	1	12	7530	-43.16	-47.46	3.65	11.5	-39.61	-13
Vertical	Mid	1	12	3765	-46.79	-59.10	2.53	12.6	-49.03	-13
Vertical	Mid	1	12	5648	-34.87	-43.63	3.05	13.1	-33.58	-13
Vertical	Mid	1	12	7530	-46.29	-50.48	3.65	11.5	-42.63	-13
Horizontal	High	1	12	3825	-48.63	-60.11	2.53	12.6	-50.04	-13
Horizontal	High	1	12	5738	-35.02	-42.83	3.05	13.1	-32.78	-13
Horizontal	High	1	12	7650	-44.19	-48.69	3.65	11.5	-40.84	-13
Vertical	High	1	12	3825	-47.33	-59.54	2.53	12.6	-49.47	-13
Vertical	High	1	12	5738	-36.54	-44.63	3.05	13.1	-34.58	-13
Vertical	High	1	12	7650	-47.62	-52.04	3.65	11.5	-44.19	-13

Note:

1. Receiver setting (Peak Detector) : RBW:1MHz; VBW:3MHz
2. ERP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 8 GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

Product	Mobile Computer		
Test Mode	Spurious Emission (Radiated) - Multi Band Dipole Antenna (STAF)		
Date of Test	2020/07/02	Test Site	Site3
Test Condition	Band 25 (10M) QPSK	Test Range	9kHz ~20GHz

Polarity	CH	RB No.	RB Offset	Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna Gain	EIRP Value	Limit
				(GHz)	(dBm)	(dBm)	(dB)	(dBi)	(dBm)	(dBm)
Horizontal	Low	1	25	3710	-47.02	-59.49	2.53	12.6	-49.42	-13
Horizontal	Low	1	25	5565	-34.99	-43.43	3.05	13.1	-33.38	-13
Horizontal	Low	1	25	7420	-43.07	-47.37	3.65	11.5	-39.52	-13
Vertical	Low	1	25	3710	-45.17	-57.96	2.53	12.6	-47.89	-13
Vertical	Low	1	25	5565	-37.02	-46.18	3.05	13.1	-36.13	-13
Vertical	Low	1	25	7420	-44.86	-49.08	3.65	11.5	-41.23	-13
Horizontal	Mid	1	25	3765	-43.45	-55.34	2.53	12.6	-45.27	-13
Horizontal	Mid	1	25	5648	-34.27	-42.36	3.05	13.1	-32.31	-13
Horizontal	Mid	1	25	7530	-40.81	-45.11	3.65	11.5	-37.26	-13
Vertical	Mid	1	25	3765	-41.97	-54.28	2.53	12.6	-44.21	-13
Vertical	Mid	1	25	5648	-35.20	-43.95	3.05	13.1	-33.90	-13
Vertical	Mid	1	25	7530	-45.47	-49.66	3.65	11.5	-41.81	-13
Horizontal	High	1	25	3820	-40.06	-51.55	2.53	12.6	-41.48	-13
Horizontal	High	1	25	5730	-35.02	-42.83	3.05	13.1	-32.78	-13
Horizontal	High	1	25	7640	-42.12	-46.55	3.65	11.5	-38.70	-13
Vertical	High	1	25	3820	-43.29	-55.46	2.53	12.6	-45.39	-13
Vertical	High	1	25	5730	-37.31	-45.40	3.05	13.1	-35.35	-13
Vertical	High	1	25	7640	-46.34	-50.77	3.65	11.5	-42.92	-13

Note:

1. Receiver setting (Peak Detector) : RBW:1MHz; VBW:3MHz
2. ERP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 8 GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

Product	Mobile Computer		
Test Mode	Spurious Emission (Radiated) - Multi Band Dipole Antenna (STAF)		
Date of Test	2020/07/02	Test Site	Site3
Test Condition	Band 25 (15M) QPSK	Test Range	9kHz ~20GHz

Polarity	CH	RB No.	RB Offset	Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna Gain	EIRP Value	Limit
				(GHz)	(dBm)	(dBm)	(dB)	(dBi)	(dBm)	(dBm)
Horizontal	Low	1	37	3715	-46.08	-58.49	2.53	12.6	-48.42	-13
Horizontal	Low	1	37	5573	-36.79	-45.21	3.05	13.1	-35.16	-13
Horizontal	Low	1	37	7430	-43.24	-47.54	3.65	11.5	-39.69	-13
Vertical	Low	1	37	3715	-46.44	-59.19	2.53	12.6	-49.12	-13
Vertical	Low	1	37	5573	-40.29	-49.50	3.05	13.1	-39.45	-13
Vertical	Low	1	37	7430	-47.05	-51.25	3.65	11.5	-43.40	-13
Horizontal	Mid	1	37	3765	-42.79	-54.68	2.53	12.6	-44.61	-13
Horizontal	Mid	1	37	5648	-34.26	-42.35	3.05	13.1	-32.30	-13
Horizontal	Mid	1	37	7530	-42.98	-47.28	3.65	11.5	-39.43	-13
Vertical	Mid	1	37	3765	-43.28	-55.59	2.53	12.6	-45.52	-13
Vertical	Mid	1	37	5648	-36.43	-45.18	3.05	13.1	-35.13	-13
Vertical	Mid	1	37	7530	-45.75	-49.94	3.65	11.5	-42.09	-13
Horizontal	High	1	37	3815	-47.14	-58.64	2.53	12.6	-48.57	-13
Horizontal	High	1	37	5723	-34.72	-42.52	3.05	13.1	-32.47	-13
Horizontal	High	1	37	7630	-41.93	-46.30	3.65	11.5	-38.45	-13
Vertical	High	1	37	3815	-46.00	-58.13	2.53	12.6	-48.06	-13
Vertical	High	1	37	5723	-35.16	-43.24	3.05	13.1	-33.19	-13
Vertical	High	1	37	7630	-45.47	-49.91	3.65	11.5	-42.06	-13

Note:

1. Receiver setting (Peak Detector) : RBW:1MHz; VBW:3MHz
2. ERP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 8 GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

Product	Mobile Computer		
Test Mode	Spurious Emission (Radiated) - Multi Band Dipole Antenna (STAF)		
Date of Test	2020/07/02	Test Site	Site3
Test Condition	Band 25 (20M) QPSK	Test Range	9kHz ~20GHz

Polarity	CH	RB No.	RB Offset	Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna Gain	EIRP Value	Limit
				(GHz)	(dBm)	(dBm)	(dB)	(dBi)	(dBm)	(dBm)
Horizontal	Low	1	50	3720	-47.92	-60.28	2.53	12.6	-50.21	-13
Horizontal	Low	1	50	5580	-37.67	-46.08	3.05	13.1	-36.03	-13
Horizontal	Low	1	50	7440	-43.24	-47.55	3.65	11.5	-39.70	-13
Vertical	Low	1	50	3720	-48.03	-60.74	2.53	12.6	-50.67	-13
Vertical	Low	1	50	5580	-40.18	-49.44	3.05	13.1	-39.39	-13
Vertical	Low	1	50	7440	-45.91	-50.09	3.65	11.5	-42.24	-13
Horizontal	Mid	1	50	3765	-46.65	-58.54	2.53	12.6	-48.47	-13
Horizontal	Mid	1	50	5648	-32.87	-40.96	3.05	13.1	-30.91	-13
Horizontal	Mid	1	50	7530	-41.23	-45.53	3.65	11.5	-37.68	-13
Vertical	Mid	1	50	3765	-46.78	-59.09	2.53	12.6	-49.02	-13
Vertical	Mid	1	50	5648	-34.40	-43.15	3.05	13.1	-33.10	-13
Vertical	Mid	1	50	7530	-44.18	-48.37	3.65	11.5	-40.52	-13
Horizontal	High	1	50	3810	-46.30	-57.81	2.53	12.6	-47.74	-13
Horizontal	High	1	50	5715	-33.43	-41.23	3.05	13.1	-31.18	-13
Horizontal	High	1	50	7620	-40.21	-44.51	3.65	11.5	-36.66	-13
Vertical	High	1	50	3810	-43.92	-56.01	2.53	12.6	-45.94	-13
Vertical	High	1	50	5715	-32.66	-40.73	3.05	13.1	-30.68	-13
Vertical	High	1	50	7620	-43.85	-48.29	3.65	11.5	-40.44	-13

Note:

1. Receiver setting (Peak Detector) : RBW:1MHz; VBW:3MHz
2. ERP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 8 GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

Product	Mobile Computer		
Test Mode	Spurious Emission (Radiated) - Multi Band Dipole Antenna (STAF)		
Date of Test	2020/07/02	Test Site	Site3
Test Condition	Band 26 (1.4M) QPSK	Test Range	9kHz ~10GHz

Polarity	CH	RB No.	RB Offset	Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna Gain	EIRP Value	Limit
				(GHz)	(dBm)	(dBm)	(dB)	(dBi)	(dBm)	(dBm)
Horizontal	Low	3	3	1649	-42.99	-60.15	1.63	9.8	-51.98	-13
Horizontal	Low	3	3	2474	-51.91	-66.39	2.10	10.6	-57.89	-13
Horizontal	Low	3	3	3299	-50.51	-64.10	2.35	12.3	-54.15	-13
Vertical	Low	3	3	1649	-47.46	-64.54	1.63	9.8	-56.37	-13
Vertical	Low	3	3	2474	-50.30	-64.07	2.10	10.6	-55.57	-13
Vertical	Low	3	3	3299	-50.19	-64.10	2.35	12.3	-54.15	-13
Horizontal	Mid	1	2	1673	-41.03	-57.99	1.63	9.8	-49.82	-13
Horizontal	Mid	1	2	2510	-51.78	-66.47	2.10	10.6	-57.97	-13
Horizontal	Mid	1	2	3346	-51.25	-64.90	2.35	12.3	-54.95	-13
Vertical	Mid	1	2	1673	-47.61	-64.34	1.63	9.8	-56.17	-13
Vertical	Mid	1	2	2510	-51.91	-65.95	2.10	10.6	-57.45	-13
Vertical	Mid	1	2	3346	-50.20	-64.05	2.35	12.3	-54.10	-13
Horizontal	High	1	0	1697	-44.53	-61.29	1.63	9.8	-53.12	-13
Horizontal	High	1	0	2545	-50.95	-65.47	2.10	10.6	-56.97	-13
Horizontal	High	1	0	3393	-50.60	-64.32	2.35	12.3	-54.37	-13
Vertical	High	1	0	1697	-50.14	-66.53	1.63	9.8	-58.36	-13
Vertical	High	1	0	2545	-51.92	-65.91	2.10	10.6	-57.41	-13
Vertical	High	1	0	3393	-52.08	-65.88	2.35	12.3	-55.93	-13

Note:

1. Receiver setting (Peak Detector) : RBW:1MHz; VBW:3MHz
2. ERP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 4 GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

Product	Mobile Computer		
Test Mode	Spurious Emission (Radiated) - Multi Band Dipole Antenna (STAF)		
Date of Test	2020/07/02	Test Site	Site3
Test Condition	Band 26 (3M) QPSK	Test Range	9kHz ~10GHz

Polarity	CH	RB No.	RB Offset	Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna Gain	EIRP Value	Limit
				(GHz)	(dBm)	(dBm)	(dB)	(dBi)	(dBm)	(dBm)
Horizontal	Low	1	7	1651	-44.24	-61.39	1.63	9.8	-53.22	-13
Horizontal	Low	1	7	2477	-51.35	-65.85	2.10	10.6	-57.35	-13
Horizontal	Low	1	7	3302	-49.60	-63.19	2.35	12.3	-53.24	-13
Vertical	Low	1	7	1651	-47.11	-64.17	1.63	9.8	-56.00	-13
Vertical	Low	1	7	2477	-50.85	-64.59	2.10	10.6	-56.09	-13
Vertical	Low	1	7	3302	-50.95	-64.86	2.35	12.3	-54.91	-13
Horizontal	Mid	1	7	1673	-41.45	-58.41	1.63	9.8	-50.24	-13
Horizontal	Mid	1	7	2510	-51.58	-66.27	2.10	10.6	-57.77	-13
Horizontal	Mid	1	7	3346	-50.92	-64.57	2.35	12.3	-54.62	-13
Vertical	Mid	1	7	1673	-48.27	-65.01	1.63	9.8	-56.84	-13
Vertical	Mid	1	7	2510	-51.94	-65.98	2.10	10.6	-57.48	-13
Vertical	Mid	1	7	3346	-51.16	-65.01	2.35	12.3	-55.06	-13
Horizontal	High	1	7	1695	-43.02	-59.78	1.63	9.8	-51.61	-13
Horizontal	High	1	7	2543	-51.76	-66.31	2.10	10.6	-57.81	-13
Horizontal	High	1	7	3390	-50.56	-64.28	2.35	12.3	-54.33	-13
Vertical	High	1	7	1695	-49.29	-65.69	1.63	9.8	-57.52	-13
Vertical	High	1	7	2543	-51.21	-65.21	2.10	10.6	-56.71	-13
Vertical	High	1	7	3390	-51.64	-65.44	2.35	12.3	-55.49	-13

Note:

1. Receiver setting (Peak Detector) : RBW:1MHz; VBW:3MHz
2. ERP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 4 GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

Product	Mobile Computer		
Test Mode	Spurious Emission (Radiated) - Multi Band Dipole Antenna (STAF)		
Date of Test	2020/07/02	Test Site	Site3
Test Condition	Band 26 (5M) QPSK	Test Range	9kHz ~10GHz

Polarity	CH	RB No.	RB Offset	Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna Gain	EIRP Value	Limit
				(GHz)	(dBm)	(dBm)	(dB)	(dBi)	(dBm)	(dBm)
Horizontal	Low	1	12	1653	-43.41	-60.54	1.63	9.8	-52.37	-13
Horizontal	Low	1	12	2480	-51.47	-66.00	2.10	10.6	-57.50	-13
Horizontal	Low	1	12	3306	-49.37	-62.97	2.35	12.3	-53.02	-13
Vertical	Low	1	12	1653	-48.77	-65.81	1.63	9.8	-57.64	-13
Vertical	Low	1	12	2480	-50.71	-64.52	2.10	10.6	-56.02	-13
Vertical	Low	1	12	3306	-50.65	-64.55	2.35	12.3	-54.60	-13
Horizontal	Mid	1	12	1673	-41.93	-58.89	1.63	9.8	-50.72	-13
Horizontal	Mid	1	12	2510	-51.00	-65.69	2.10	10.6	-57.19	-13
Horizontal	Mid	1	12	3346	-51.48	-65.13	2.35	12.3	-55.18	-13
Vertical	Mid	1	12	1673	-48.27	-65.00	1.63	9.8	-56.83	-13
Vertical	Mid	1	12	2510	-52.37	-66.41	2.10	10.6	-57.91	-13
Vertical	Mid	1	12	3346	-51.67	-65.52	2.35	12.3	-55.57	-13
Horizontal	High	1	0	1693	-42.08	-58.90	1.63	9.8	-50.73	-13
Horizontal	High	1	0	2540	-51.62	-66.18	2.10	10.6	-57.68	-13
Horizontal	High	1	0	3386	-50.41	-64.11	2.35	12.3	-54.16	-13
Vertical	High	1	0	1693	-47.56	-64.06	1.63	9.8	-55.89	-13
Vertical	High	1	0	2540	-49.98	-63.99	2.10	10.6	-55.49	-13
Vertical	High	1	0	3386	-51.01	-64.82	2.35	12.3	-54.87	-13

Note:

1. Receiver setting (Peak Detector) : RBW:1MHz; VBW:3MHz
2. ERP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 4 GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

Product	Mobile Computer		
Test Mode	Spurious Emission (Radiated) - Multi Band Dipole Antenna (STAF)		
Date of Test	2020/07/02	Test Site	Site3
Test Condition	Band 26 (10M) QPSK	Test Range	9kHz ~10GHz

Polarity	CH	RB No.	RB Offset	Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna Gain	EIRP Value	Limit
				(GHz)	(dBm)	(dBm)	(dB)	(dBi)	(dBm)	(dBm)
Horizontal	Low	1	25	1658	-44.37	-61.46	1.63	9.8	-53.29	-13
Horizontal	Low	1	25	2487	-51.84	-66.45	2.10	10.6	-57.95	-13
Horizontal	Low	1	25	3316	-51.30	-64.91	2.35	12.3	-54.96	-13
Vertical	Low	1	25	1658	-48.60	-65.56	1.63	9.8	-57.39	-13
Vertical	Low	1	25	2487	-51.63	-65.53	2.10	10.6	-57.03	-13
Vertical	Low	1	25	3316	-51.65	-65.54	2.35	12.3	-55.59	-13
Horizontal	Mid	1	25	1673	-41.04	-58.00	1.63	9.8	-49.83	-13
Horizontal	Mid	1	25	2510	-50.96	-65.64	2.10	10.6	-57.14	-13
Horizontal	Mid	1	25	3346	-51.23	-64.88	2.35	12.3	-54.93	-13
Vertical	Mid	1	25	1673	-46.46	-63.19	1.63	9.8	-55.02	-13
Vertical	Mid	1	25	2510	-52.30	-66.34	2.10	10.6	-57.84	-13
Vertical	Mid	1	25	3346	-50.92	-64.77	2.35	12.3	-54.82	-13
Horizontal	High	1	25	1688	-42.87	-59.69	1.63	9.8	-51.52	-13
Horizontal	High	1	25	2532	-48.95	-63.54	2.10	10.6	-55.04	-13
Horizontal	High	1	25	3376	-50.47	-64.17	2.35	12.3	-54.22	-13
Vertical	High	1	25	1688	-46.34	-62.85	1.63	9.8	-54.68	-13
Vertical	High	1	25	2532	-51.12	-65.13	2.10	10.6	-56.63	-13
Vertical	High	1	25	3376	-52.13	-65.95	2.35	12.3	-56.00	-13

Note:

1. Receiver setting (Peak Detector) : RBW:1MHz; VBW:3MHz
2. ERP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 4 GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

Product	Mobile Computer		
Test Mode	Spurious Emission (Radiated) - Multi Band Dipole Antenna (STAF)		
Date of Test	2020/07/02	Test Site	Site3
Test Condition	Band 26 (15M) QPSK	Test Range	9kHz ~10GHz

Polarity	CH	RB No.	RB Offset	Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna Gain	EIRP Value	Limit
				(GHz)	(dBm)	(dBm)	(dB)	(dBi)	(dBm)	(dBm)
Horizontal	Low	1	37	1663	-44.28	-61.33	1.63	9.8	-53.16	-13
Horizontal	Low	1	37	2495	-52.10	-66.78	2.10	10.6	-58.28	-13
Horizontal	Low	1	37	3326	-50.71	-64.34	2.35	12.3	-54.39	-13
Vertical	Low	1	37	1663	-47.51	-64.40	1.63	9.8	-56.23	-13
Vertical	Low	1	37	2495	-51.91	-65.89	2.10	10.6	-57.39	-13
Vertical	Low	1	37	3326	-51.26	-65.14	2.35	12.3	-55.19	-13
Horizontal	Mid	1	37	1673	-42.94	-59.90	1.63	9.8	-51.73	-13
Horizontal	Mid	1	37	2510	-52.46	-67.15	2.10	10.6	-58.65	-13
Horizontal	Mid	1	37	3346	-51.37	-65.02	2.35	12.3	-55.07	-13
Vertical	Mid	1	37	1673	-46.63	-63.36	1.63	9.8	-55.19	-13
Vertical	Mid	1	37	2510	-52.22	-66.26	2.10	10.6	-57.76	-13
Vertical	Mid	1	37	3346	-51.36	-65.21	2.35	12.3	-55.26	-13
Horizontal	High	1	37	1683	-44.04	-60.91	1.63	9.8	-52.74	-13
Horizontal	High	1	37	2525	-50.82	-65.44	2.10	10.6	-56.94	-13
Horizontal	High	1	37	3366	-49.19	-62.87	2.35	12.3	-52.92	-13
Vertical	High	1	37	1683	-48.38	-64.96	1.63	9.8	-56.79	-13
Vertical	High	1	37	2525	-51.64	-65.66	2.10	10.6	-57.16	-13
Vertical	High	1	37	3366	-50.39	-64.22	2.35	12.3	-54.27	-13

Note:

1. Receiver setting (Peak Detector) : RBW:1MHz; VBW:3MHz
2. ERP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 4 GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

Product	Mobile Computer		
Test Mode	Spurious Emission (Radiated) - Multi Band Dipole Antenna (STAF)		
Date of Test	2020/07/02	Test Site	Site3
Test Condition	Band 41 (5M) QPSK	Test Range	9kHz ~26.5GHz

Polarity	CH	RB No.	RB Offset	Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna Gain	EIRP Value	Limit
				(GHz)	(dBm)	(dBm)	(dB)	(dBi)	(dBm)	(dBm)
Horizontal	Low	1	12	4997	-55.49	-64.20	3.05	13.1	-54.15	-25
Horizontal	Low	1	12	7496	-56.43	-60.92	3.65	11.5	-53.07	-25
Horizontal	Low	1	12	9994	-56.33	-61.17	3.85	12.0	-53.02	-25
Vertical	Low	1	12	4997	-54.91	-64.06	3.05	13.1	-54.01	-25
Vertical	Low	1	12	7496	-57.22	-61.48	3.65	11.5	-53.63	-25
Vertical	Low	1	12	9994	-56.77	-61.71	3.85	12.0	-53.56	-25
Horizontal	Mid	1	12	5186	-46.04	-54.75	3.05	13.1	-44.70	-25
Horizontal	Mid	1	12	7779	-51.06	-55.55	3.65	11.5	-47.70	-25
Horizontal	Mid	1	12	10372	-48.87	-53.71	3.85	12.0	-45.56	-25
Vertical	Mid	1	12	5186	-45.56	-54.71	3.05	13.1	-44.66	-25
Vertical	Mid	1	12	7779	-52.84	-57.10	3.65	11.5	-49.25	-25
Vertical	Mid	1	12	10372	-52.89	-57.83	3.85	12.0	-49.68	-25
Horizontal	High	1	0	5375	-40.79	-48.85	3.05	13.1	-38.80	-25
Horizontal	High	1	0	8063	-51.53	-56.17	3.65	11.5	-48.32	-25
Horizontal	High	1	0	10750	-49.07	-53.25	3.85	12.0	-45.10	-25
Vertical	High	1	0	5375	-39.98	-49.28	3.05	13.1	-39.23	-25
Vertical	High	1	0	8063	-51.39	-55.88	3.65	11.5	-48.03	-25
Vertical	High	1	0	10750	-52.00	-55.77	3.85	12.0	-47.62	-25

Note:

1. Receiver setting (Peak Detector) : RBW:1MHz; VBW:3MHz
2. ERP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 11 GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

Product	Mobile Computer		
Test Mode	Spurious Emission (Radiated) - Multi Band Dipole Antenna (STAF)		
Date of Test	2020/07/02	Test Site	Site3
Test Condition	Band 41 (10M) QPSK	Test Range	9kHz ~26.5GHz

Polarity	CH	RB No.	RB Offset	Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna Gain	EIRP Value	Limit
				(GHz)	(dBm)	(dBm)	(dB)	(dBi)	(dBm)	(dBm)
Horizontal	Low	1	25	5002	-51.35	-60.99	3.05	13.1	-50.94	-25
Horizontal	Low	1	25	7503	-53.01	-57.36	3.65	11.5	-49.51	-25
Horizontal	Low	1	25	10004	-48.65	-53.83	3.85	12.0	-45.68	-25
Vertical	Low	1	25	5002	-51.15	-62.01	3.05	13.1	-51.96	-25
Vertical	Low	1	25	7503	-54.65	-58.74	3.65	11.5	-50.89	-25
Vertical	Low	1	25	10004	-51.03	-56.06	3.85	12.0	-47.91	-25
Horizontal	Mid	1	49	5186	-51.60	-60.31	3.05	13.1	-50.26	-25
Horizontal	Mid	1	49	7779	-53.29	-57.72	3.65	11.5	-49.87	-25
Horizontal	Mid	1	49	10372	-49.58	-54.34	3.85	12.0	-46.19	-25
Vertical	Mid	1	49	5186	-48.96	-58.08	3.05	13.1	-48.03	-25
Vertical	Mid	1	49	7779	-52.59	-56.83	3.65	11.5	-48.98	-25
Vertical	Mid	1	49	10372	-56.47	-61.41	3.85	12.0	-53.26	-25
Horizontal	High	1	25	5370	-39.68	-47.74	3.05	13.1	-37.69	-25
Horizontal	High	1	25	8055	-51.64	-56.28	3.65	11.5	-48.43	-25
Horizontal	High	1	25	10740	-49.19	-53.37	3.85	12.0	-45.22	-25
Vertical	High	1	25	5370	-37.71	-47.01	3.05	13.1	-36.96	-25
Vertical	High	1	25	8055	-51.49	-55.98	3.65	11.5	-48.13	-25
Vertical	High	1	25	10740	-51.91	-55.68	3.85	12.0	-47.53	-25

Note:

1. Receiver setting (Peak Detector) : RBW:1MHz; VBW:3MHz
2. ERP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 11 GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

Product	Mobile Computer		
Test Mode	Spurious Emission (Radiated) - Multi Band Dipole Antenna (STAF)		
Date of Test	2020/07/02	Test Site	Site3
Test Condition	Band 41 (15M) QPSK	Test Range	9kHz ~26.5GHz

Polarity	CH	RB No.	RB Offset	Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna Gain	EIRP Value	Limit
				(GHz)	(dBm)	(dBm)	(dB)	(dBi)	(dBm)	(dBm)
Horizontal	Low	1	0	5007	-55.26	-64.85	3.05	13.1	-54.80	-25
Horizontal	Low	1	0	7511	-57.61	-61.95	3.65	11.5	-54.10	-25
Horizontal	Low	1	0	10014	-55.57	-60.78	3.85	12.0	-52.63	-25
Vertical	Low	1	0	5007	-55.23	-66.01	3.05	13.1	-55.96	-25
Vertical	Low	1	0	7511	-57.12	-61.24	3.65	11.5	-53.39	-25
Vertical	Low	1	0	10014	-54.60	-59.62	3.85	12.0	-51.47	-25
Horizontal	Mid	1	0	5186	-51.82	-60.52	3.05	13.1	-50.47	-25
Horizontal	Mid	1	0	7779	-51.81	-56.39	3.65	11.5	-48.54	-25
Horizontal	Mid	1	0	10372	-49.82	-54.78	3.85	12.0	-46.63	-25
Vertical	Mid	1	0	5186	-51.41	-60.62	3.05	13.1	-50.57	-25
Vertical	Mid	1	0	7779	-54.09	-58.38	3.65	11.5	-50.53	-25
Vertical	Mid	1	0	10372	-55.92	-60.86	3.85	12.0	-52.71	-25
Horizontal	High	1	37	5365	-37.89	-45.97	3.05	13.1	-35.92	-25
Horizontal	High	1	37	8048	-50.33	-54.92	3.65	11.5	-47.07	-25
Horizontal	High	1	37	10730	-49.14	-53.34	3.85	12.0	-45.19	-25
Vertical	High	1	37	5365	-38.21	-47.53	3.05	13.1	-37.48	-25
Vertical	High	1	37	8048	-50.70	-55.16	3.65	11.5	-47.31	-25
Vertical	High	1	37	10730	-51.20	-55.01	3.85	12.0	-46.86	-25

Note:

1. Receiver setting (Peak Detector) : RBW:1MHz; VBW:3MHz
2. ERP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 11 GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

Product	Mobile Computer		
Test Mode	Spurious Emission (Radiated) - Multi Band Dipole Antenna (STAF)		
Date of Test	2020/07/02	Test Site	Site3
Test Condition	Band 41 (20M) QPSK	Test Range	9kHz ~26.5GHz

Polarity	CH	RB No.	RB Offset	Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna Gain	EIRP Value	Limit
				(GHz)	(dBm)	(dBm)	(dB)	(dBi)	(dBm)	(dBm)
Horizontal	Low	1	0	5012	-55.30	-64.84	3.05	13.1	-54.79	-25
Horizontal	Low	1	0	7518	-53.28	-57.63	3.65	11.5	-49.78	-25
Horizontal	Low	1	0	10024	-54.58	-59.81	3.85	12.0	-51.66	-25
Vertical	Low	1	0	5012	-55.53	-66.24	3.05	13.1	-56.19	-25
Vertical	Low	1	0	7518	-58.28	-62.43	3.65	11.5	-54.58	-25
Vertical	Low	1	0	10024	-54.87	-59.88	3.85	12.0	-51.73	-25
Horizontal	Mid	1	0	5186	-51.43	-60.13	3.05	13.1	-50.08	-25
Horizontal	Mid	1	0	7779	-52.37	-56.98	3.65	11.5	-49.13	-25
Horizontal	Mid	1	0	10372	-49.44	-54.44	3.85	12.0	-46.29	-25
Vertical	Mid	1	0	5186	-51.40	-60.62	3.05	13.1	-50.57	-25
Vertical	Mid	1	0	7779	-56.96	-61.22	3.65	11.5	-53.37	-25
Vertical	Mid	1	0	10372	-55.21	-60.15	3.85	12.0	-52.00	-25
Horizontal	High	1	50	5360	-39.80	-47.89	3.05	13.1	-37.84	-25
Horizontal	High	1	50	8040	-51.35	-55.89	3.65	11.5	-48.04	-25
Horizontal	High	1	50	10720	-49.79	-54.01	3.85	12.0	-45.86	-25
Vertical	High	1	50	5360	-37.96	-47.30	3.05	13.1	-37.25	-25
Vertical	High	1	50	8040	-51.18	-55.62	3.65	11.5	-47.77	-25
Vertical	High	1	50	10720	-52.59	-56.43	3.85	12.0	-48.28	-25

Note:

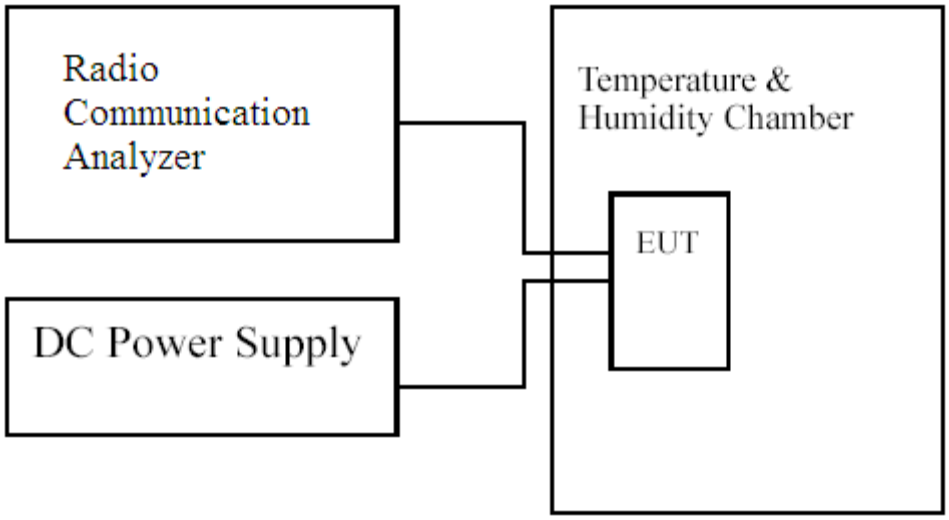
1. Receiver setting (Peak Detector) : RBW:1MHz; VBW:3MHz
2. ERP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 11 GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

7. Frequency Stability Under Temperature & Voltage Variations

7.1. Test Specification

According to Part 2.1055, 22.355, 24.235, 27.54

7.2. Test Setup



7.3. Limits

Limit	**<±2.5ppm**

7.4. Test Procedure

The frequency stability of transmitter is measured by:

(a) Temperature: The temperature is varied from -30°C to 50°C in 10°C increment using a standard temperature & Humidity chamber.

(b) Primary Supply Voltage: The primary supply voltage is varied 85% to 115% of the nominal value for non hand-carried equipment. For hand-carried, battery-powered equipment, primary supply voltage is reduced to the battery operating endpoint which shall be specified by the manufacturer.

The EUT was connected via the base station simulator. Universal Radio Communication Tester, was used to measure The Frequency Error. The maximum result of measurements was recorded.

7.5. Test Result of Frequency Stability Under Temperature Variations

Product	Mobile Computer		
Test Mode	Frequency Stability Under Temperature Variations & Voltage Variations		
Date of Test	2020/08/05	Test Site	CTR
Test Condition	Band 4 CH20175(1732.5MHz) –QPSK	Test Range	-30℃~+50℃

Frequency Stability Under Temperature Variations

Temperature Interval(℃)	Test Channel	Deviation (kHz)						Limit (kHz)
		1.4M	3M	5M	10M	15M	20M	
-30	Mid	0.0086	0.0059	-0.0076	0.0054	0.0069	0.0063	±4.70
-20	Mid	0.0064	0.0055	0.0053	0.0072	0.0051	0.0060	±4.70
-10	Mid	0.0059	0.0068	0.0065	0.0065	0.0062	0.0054	±4.70
0	Mid	0.0053	0.0057	0.0046	0.0062	0.0040	0.0037	±4.70
10	Mid	0.0075	0.0075	0.0058	0.0057	0.0061	0.0055	±4.70
20	Mid	0.0051	0.0055	0.0054	0.0046	0.0042	-0.0049	±4.70
30	Mid	0.0059	0.0045	-0.0035	-0.0038	0.0037	0.0033	±4.70
40	Mid	-0.0045	-0.0045	-0.0037	0.0048	0.0069	0.0043	±4.70
50	Mid	0.0061	-0.0059	0.0067	-0.0085	0.0048	0.0049	±4.70

Voltage Variations

DC Voltage (V)	Test Channel	Deviation (kHz)						Limit (kHz)
		1.4M	3M	5M	10M	15M	20M	
4.4	Mid	0.0063	0.0063	-0.0050	0.0058	-0.0076	0.0039	±4.70
3.8	Mid	0.0051	0.0055	0.0054	0.0046	0.0042	-0.0049	±4.70
3.6	Mid	0.0054	0.0073	-0.0069	-0.0053	-0.0054	0.0048	±4.70

DC Current (A)	1.4M	3M	5M	10M	15M	20M
LINK:	0.93	0.92	0.98	0.96	0.97	0.94
IDLE:	0.32	0.33	0.32	0.31	0.32	0.33

Product	Mobile Computer		
Test Mode	Frequency Stability Under Temperature Variations & Voltage Variations		
Date of Test	2020/08/05	Test Site	CTR
Test Condition	Band 7 CH21100(2535MHz) –QPSK	Test Range	-30℃~+50℃

Frequency Stability Under Temperature Variations

Temperature Interval(℃)	Test Channel	Deviation (kHz)						Limit (kHz)
		1.4M	3M	5M	10M	15M	20M	
-30	Mid	--	--	-0.0097	-0.0098	-0.0097	-0.0094	±6.34
-20	Mid	--	--	-0.0080	-0.0089	-0.0082	-0.0084	±6.34
-10	Mid	--	--	0.0053	-0.0084	-0.0062	-0.0045	±6.34
0	Mid	--	--	-0.0105	-0.0070	0.0058	-0.0086	±6.34
10	Mid	--	--	-0.0071	-0.0071	-0.0090	-0.0084	±6.34
20	Mid	--	--	-0.0087	-0.0082	-0.0082	-0.0083	±6.34
30	Mid	--	--	-0.0081	-0.0076	-0.0083	-0.0087	±6.34
40	Mid	--	--	-0.0073	-0.0094	-0.0096	-0.0062	±6.34
50	Mid	--	--	-0.0088	-0.0098	-0.0069	-0.0078	±6.34

Voltage Variations

DC Voltage (V)	Test Channel	Deviation (kHz)						Limit (kHz)
		1.4M	3M	5M	10M	15M	20M	
4.4	Mid	--	--	-0.0083	-0.0064	-0.0078	-0.0089	±6.34
3.8	Mid	--	--	-0.0087	-0.0083	-0.0082	-0.0083	±6.34
3.6	Mid	--	--	-0.0071	-0.0096	-0.0067	-0.0093	±6.34

DC Current (A)	1.4M	3M	5M	10M	15M	20M
LINK:	--	--	1.25	1.24	1.21	1.20
IDLE:	--	--	0.34	0.33	0.34	0.36

Product	Mobile Computer		
Test Mode	Frequency Stability Under Temperature Variations & Voltage Variations		
Date of Test	2020/08/05	Test Site	CTR
Test Condition	Band 12 CH23095(707.5MHz) –QPSK	Test Range	-30℃~+50℃

Frequency Stability Under Temperature Variations

Temperature Interval(℃)	Test Channel	Deviation (kHz)						Limit (kHz)
		1.4M	3M	5M	10M	15M	20M	
-30	Mid	-0.0035	-0.0029	-0.0035	0.0031	--	--	±1.77
-20	Mid	0.0037	0.0039	0.0039	0.0033	--	--	±1.77
-10	Mid	-0.0031	-0.0067	-0.0033	-0.0027	--	--	±1.77
0	Mid	-0.0033	0.0037	0.0035	-0.0029	--	--	±1.77
10	Mid	-0.0042	0.0040	-0.0033	0.0028	--	--	±1.77
20	Mid	-0.0035	-0.0037	-0.0035	-0.0032	--	--	±1.77
30	Mid	-0.0045	-0.0077	-0.0033	-0.0036	--	--	±1.77
40	Mid	0.0038	-0.0039	-0.0039	-0.0041	--	--	±1.77
50	Mid	-0.0044	-0.0033	-0.0027	-0.0035	--	--	±1.77

Voltage Variations

DC Voltage (V)	Test Channel	Deviation (kHz)						Limit (kHz)
		1.4M	3M	5M	10M	15M	20M	
4.4	Mid	-0.0023	-0.0039	-0.0034	-0.0026	--	--	±1.77
3.8	Mid	-0.0035	-0.0037	-0.0035	-0.0032	--	--	±1.77
3.6	Mid	0.0034	-0.0034	-0.0031	-0.0035	--	--	±1.77

DC Current (A)	1.4M	3M	5M	10M
LINK:	1.08	1.09	1.08	1.10
IDLE:	0.34	0.33	0.32	0.33

Product	Mobile Computer		
Test Mode	Frequency Stability Under Temperature Variations & Voltage Variations		
Date of Test	2020/08/05	Test Site	CTR
Test Condition	Band 13 CH23230(782MHz) –QPSK	Test Range	-30℃~+50℃

Frequency Stability Under Temperature Variations

Temperature Interval(℃)	Test Channel	Deviation (kHz)						Limit (kHz)
		1.4M	3M	5M	10M	15M	20M	
-30	Mid	--	--	-0.0037	-0.0033	--	--	±1.96
-20	Mid	--	--	-0.0036	0.0035	--	--	±1.96
-10	Mid	--	--	0.0041	0.0030	--	--	±1.96
0	Mid	--	--	0.0040	-0.0033	--	--	±1.96
10	Mid	--	--	0.0032	0.0036	--	--	±1.96
20	Mid	--	--	-0.0034	-0.0032	--	--	±1.96
30	Mid	--	--	-0.0041	-0.0036	--	--	±1.96
40	Mid	--	--	-0.0034	-0.0033	--	--	±1.96
50	Mid	--	--	-0.0038	-0.0033	--	--	±1.96

Voltage Variations

DC Voltage (V)	Test Channel	Deviation (kHz)						Limit (kHz)
		1.4M	3M	5M	10M	15M	20M	
4.4	Mid	--	--	-0.0039	-0.0034	--	--	±1.96
3.8	Mid	--	--	-0.0034	-0.0032	--	--	±1.96
3.6	Mid	--	--	-0.0043	-0.0024	--	--	±1.96

DC Current (A)	5M	10M
LINK:	1.03	1.04
IDLE:	0.36	0.35

Product	Mobile Computer		
Test Mode	Frequency Stability Under Temperature Variations & Voltage Variations		
Date of Test	2020/08/05	Test Site	CTR
Test Condition	Band 25 CH26365(1882.5MHz) –QPSK	Test Range	-30℃~+50℃

Frequency Stability Under Temperature Variations

Temperature Interval(℃)	Test Channel	Deviation (kHz)						Limit (kHz)
		1.4M	3M	5M	10M	15M	20M	
-30	Mid	0.0050	0.0054	0.0060	0.0042	0.0065	0.0054	±4.71
-20	Mid	0.0076	0.0059	0.0062	0.0054	0.0059	0.0059	±4.71
-10	Mid	0.0071	0.0053	0.0054	-0.0062	0.0087	0.0045	±4.71
0	Mid	0.0060	0.0062	0.0065	-0.0061	0.0061	0.0054	±4.71
10	Mid	0.0072	0.0057	0.0067	0.0053	0.0065	-0.0070	±4.71
20	Mid	0.0072	0.0068	0.0062	0.0046	0.0057	-0.0045	±4.71
30	Mid	0.0065	-0.0060	0.0062	-0.0042	0.0058	0.0045	±4.71
40	Mid	0.0054	0.0052	-0.0041	0.0040	0.0050	0.0046	±4.71
50	Mid	0.0048	0.0041	0.0056	0.0048	0.0054	0.0038	±4.71

Voltage Variations

DC Voltage (V)	Test Channel	Deviation (kHz)						Limit (kHz)
		1.4M	3M	5M	10M	15M	20M	
4.4	Mid	0.0051	0.0052	0.0045	0.0044	0.0058	0.0047	±4.71
3.8	Mid	0.0072	0.0068	0.0062	0.0046	0.0057	-0.0045	±4.71
3.6	Mid	0.0068	0.0049	0.0049	0.0049	0.0056	0.0037	±4.71

DC Current (A)	1.4M	3M	5M	10M	15M	20M
LINK:	1.11	1.12	1.11	1.13	1.14	1.13
IDLE:	0.33	0.32	0.31	0.34	0.32	0.33

Product	Mobile Computer		
Test Mode	Frequency Stability Under Temperature Variations & Voltage Variations		
Date of Test	2020/08/05	Test Site	CTR
Test Condition	Band 26 CH26915(836.5MHz) –QPSK	Test Range	-30℃~+50℃

Frequency Stability Under Temperature Variations

Temperature Interval(℃)	Test Channel	Deviation (kHz)						Limit (kHz)
		1.4M	3M	5M	10M	15M	20M	
-30	Mid	-0.0070	-0.0053	-0.0046	0.0053	0.0097	--	±2.09
-20	Mid	0.0043	-0.0045	0.0034	0.0036	0.0039	--	±2.09
-10	Mid	0.0040	-0.0034	-0.0038	0.0029	-0.0024	--	±2.09
0	Mid	0.0048	0.0031	0.0038	0.0025	0.0032	--	±2.09
10	Mid	0.0041	-0.0052	0.0041	0.0039	-0.0035	--	±2.09
20	Mid	-0.0042	-0.0038	-0.0044	-0.0045	-0.0044	--	±2.09
30	Mid	0.0041	0.0040	0.0053	-0.0031	-0.0038	--	±2.09
40	Mid	-0.0064	-0.0049	-0.0045	-0.0042	-0.0037	--	±2.09
50	Mid	-0.0038	-0.0032	-0.0034	-0.0048	-0.0039	--	±2.09

Voltage Variations

DC Voltage (V)	Test Channel	Deviation (kHz)						Limit (kHz)
		1.4M	3M	5M	10M	15M	20M	
4.4	Mid	-0.0037	-0.0031	-0.0031	-0.0036	-0.0040	--	±2.09
3.8	Mid	-0.0042	-0.0038	-0.0044	-0.0045	-0.0044	--	±2.09
3.6	Mid	-0.0051	-0.0032	-0.0034	-0.0034	-0.0036	--	±2.09

DC Current (A)	1.4M	3M	5M	10M	15M	20M
LINK:	0.89	0.90	0.91	0.91	0.93	--
IDLE:	0.32	0.31	0.33	0.31	0.31	--

Product	Mobile Computer		
Test Mode	Frequency Stability Under Temperature Variations & Voltage Variations		
Date of Test	2020/08/05	Test Site	CTR
Test Condition	Band 41 CH40620(2593MHz) –QPSK	Test Range	-30℃~+50℃

Frequency Stability Under Temperature Variations

Temperature Interval(℃)	Test Channel	Deviation (kHz)						Limit (kHz)
		1.4M	3M	5M	10M	15M	20M	
-30	Mid	--	--	-0.0123	-0.0104	0.0117	0.0091	±6.48
-20	Mid	--	--	-0.0132	-0.0116	-0.0124	-0.0132	±6.48
-10	Mid	--	--	0.0134	0.0095	0.0094	0.0118	±6.48
0	Mid	--	--	-0.0105	0.0109	0.0140	-0.0105	±6.48
10	Mid	--	--	0.0144	0.0097	0.0128	0.0108	±6.48
20	Mid	--	--	0.0167	0.0152	0.0169	0.0159	±6.48
30	Mid	--	--	0.0154	0.0138	0.0154	0.0141	±6.48
40	Mid	--	--	0.0182	0.0191	0.0193	0.0224	±6.48
50	Mid	--	--	0.0186	0.0199	0.0184	0.0153	±6.48

Voltage Variations

DC Voltage (V)	Test Channel	Deviation (kHz)						Limit (kHz)
		1.4M	3M	5M	10M	15M	20M	
4.4	Mid	--	--	0.0154	0.0141	0.0147	0.0132	±6.48
3.8	Mid	--	--	0.0167	0.0152	0.0169	0.0159	±6.48
3.6	Mid	--	--	0.0145	0.0130	0.0141	0.0130	±6.48

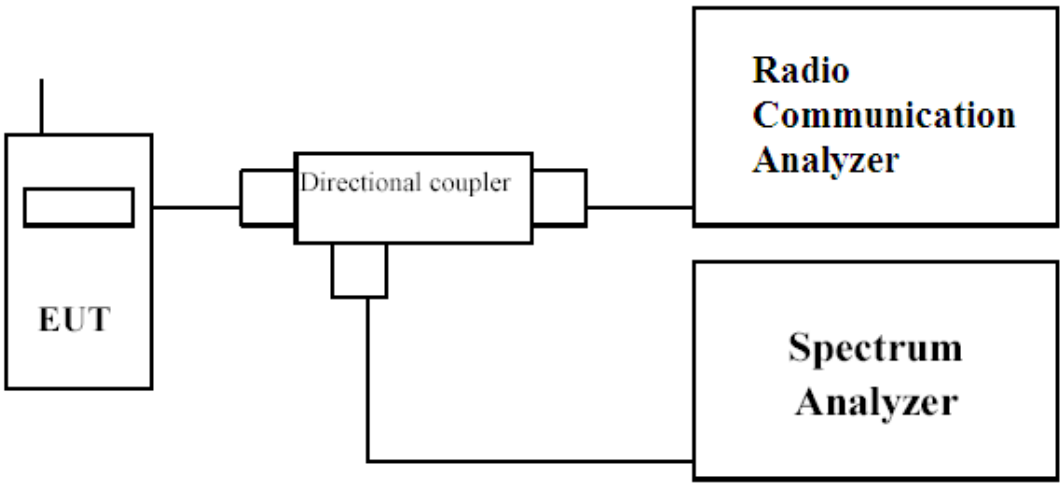
DC Current (A)	1.4M	3M	5M	10M	15M	20M
LINK:	--	--	0.67	0.67	0.68	0.69
IDLE:	--	--	0.32	0.31	0.31	0.32

8. Peak to Average Ratio

8.1 Test Specification

According to Part 22.913, 24.232, 27.50

8.1. Test Setup



8.2. Limits

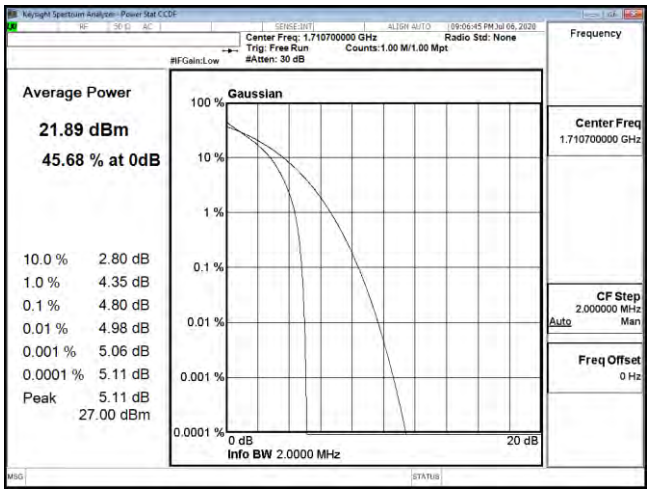
The peak-to-average power ratio (PAPR) of the transmitter output power must not exceed 13 dB. The PAPR measurements should be made using either an instrument with complementary cumulative distribution function (CCDF) capabilities to determine that PAPR will not exceed 13 dB for more than 0.1 percent of the time or other Commission approved procedure.

8.3. Test Procedure

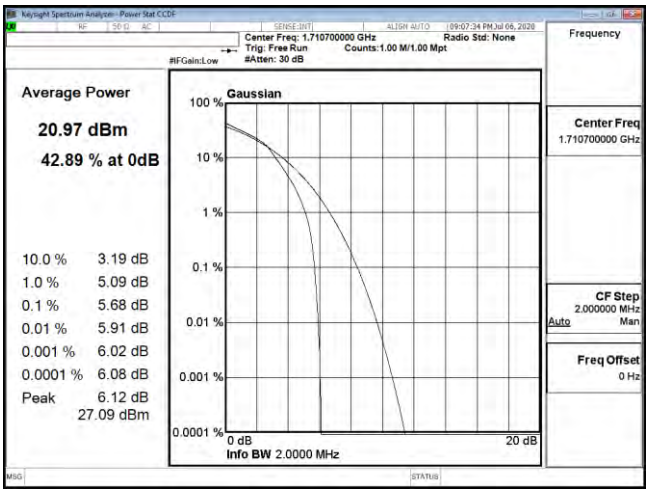
a) Refer to instrument's analyzer instruction manual for details on how to use the power statistics/CCDF function;
b) Set resolution/measurement bandwidth ≥ signal's occupied bandwidth;
c) Set the number of counts to a value that stabilizes the measured CCDF curve;
d) Set the measurement interval as follows:
1) for continuous transmissions, set to 1 ms,
2) for burst transmissions, employ an external trigger that is synchronized with the EUT burst timing sequence, or use the internal burst trigger with a trigger level that allows the burst to stabilize and set the measurement interval to a time that is less than or equal to the burst duration.
e) Record the maximum PAPR level associated with a probability of 0.1%.

8.4. Test Result of Spurious Emission

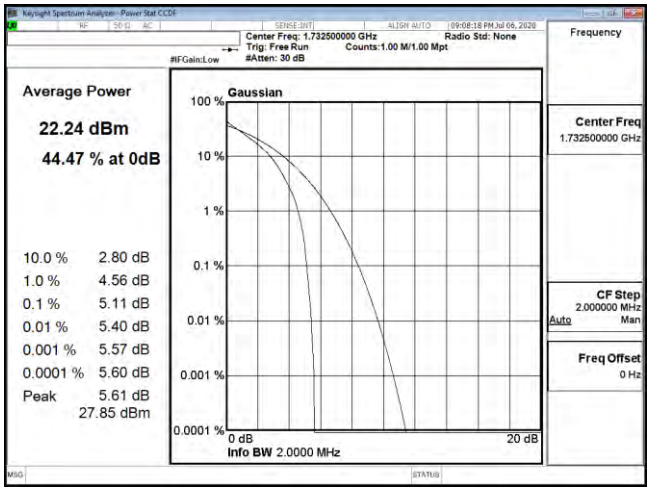
Product	Mobile Computer		
Test Mode	Peak to Average Ratio		
Date of Test	2020/08/05	Test Site	CTR
Test Condition	LTE-Band 4 QPSK/16QAM/64QAM		



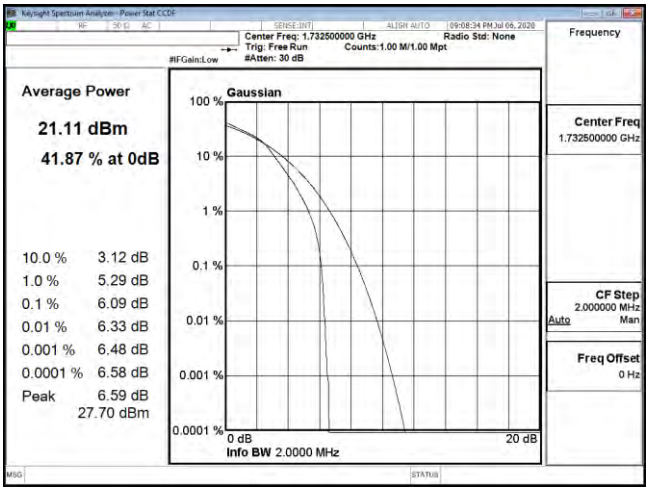
PTAR B4 1.4M CH19957 QPSK



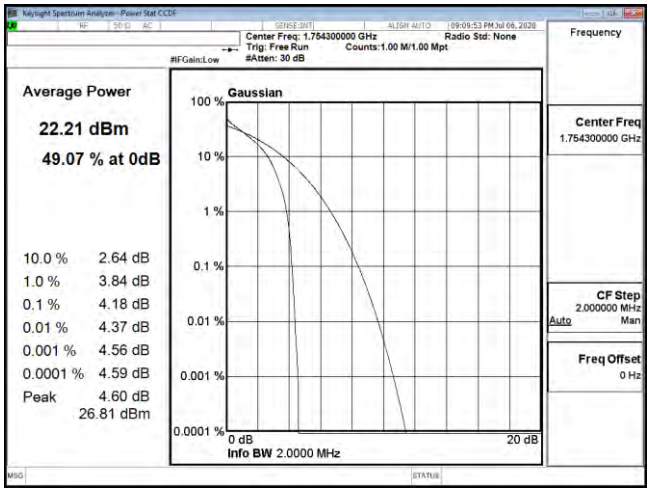
PTAR B4 1.4M CH19957 16QAM



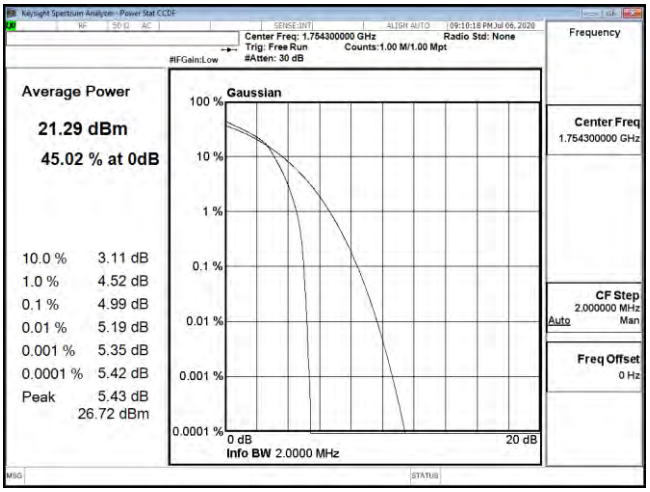
PTAR B4 1.4M CH20175 QPSK



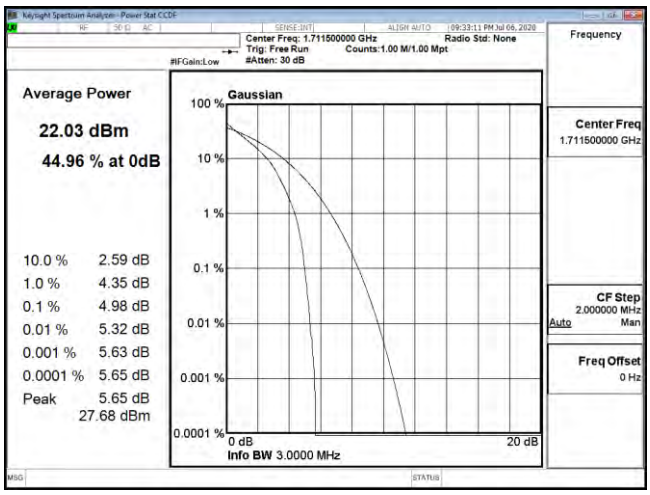
PTAR B4 1.4M CH20175 16QAM



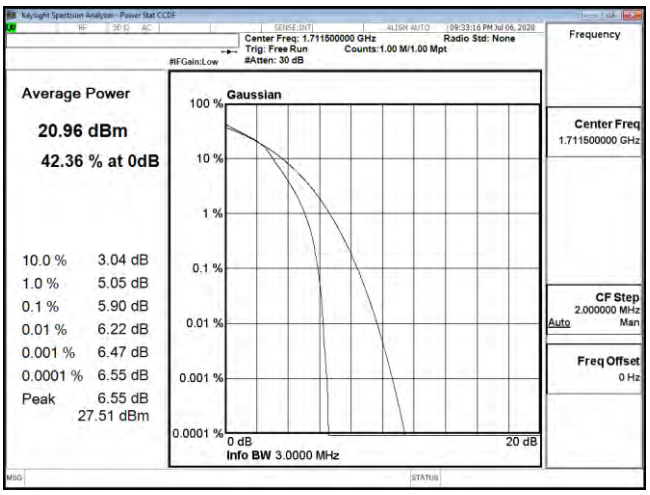
PTAR B4 1.4M CH20393 QPSK



PTAR B4 1.4M CH20393 16QAM



PTAR B4 3M CH19965 QPSK



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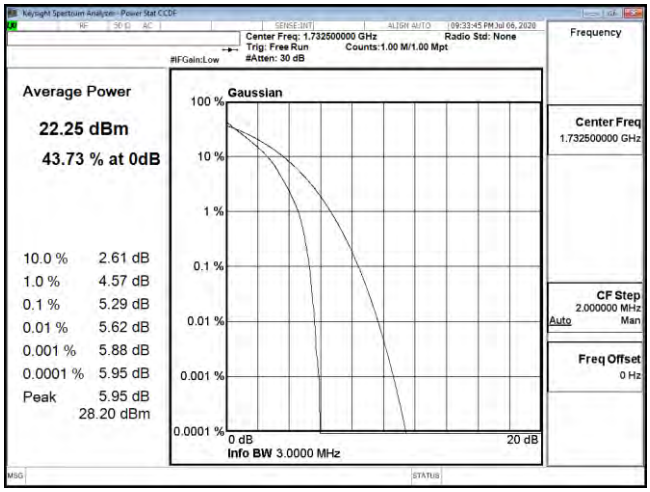

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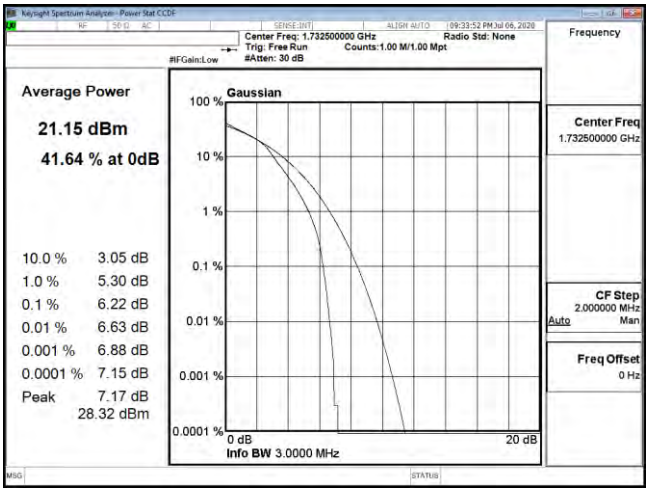
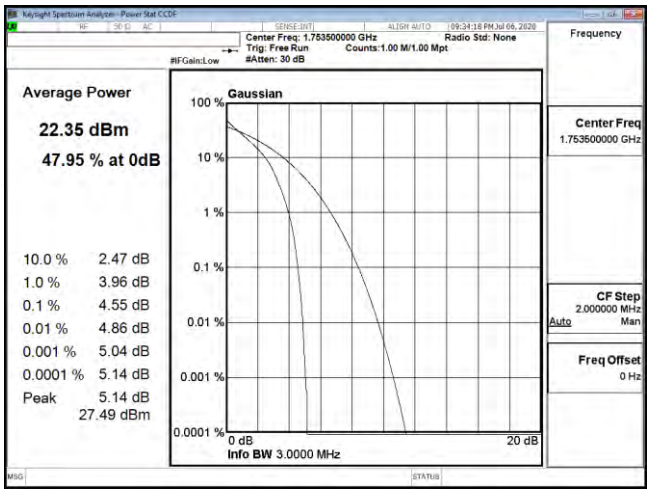
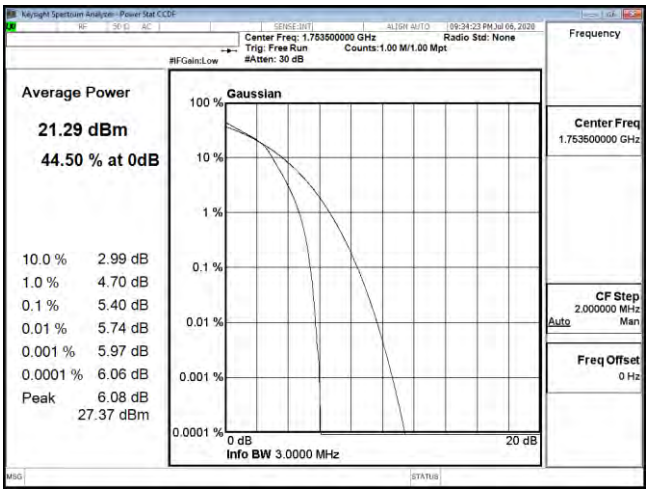


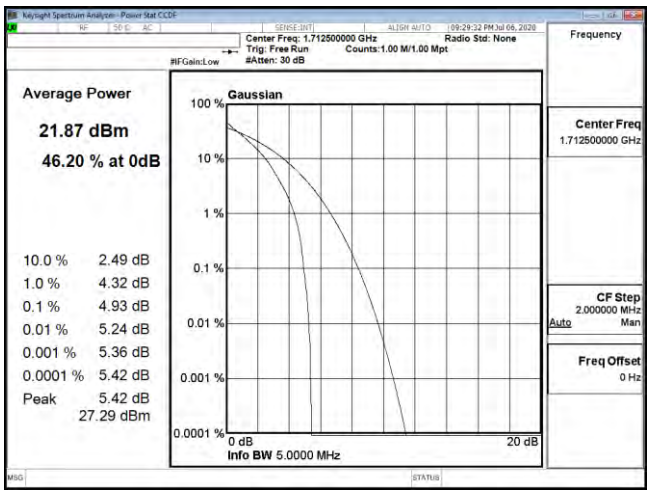
PTAR B4 3M CH20175 16QAM



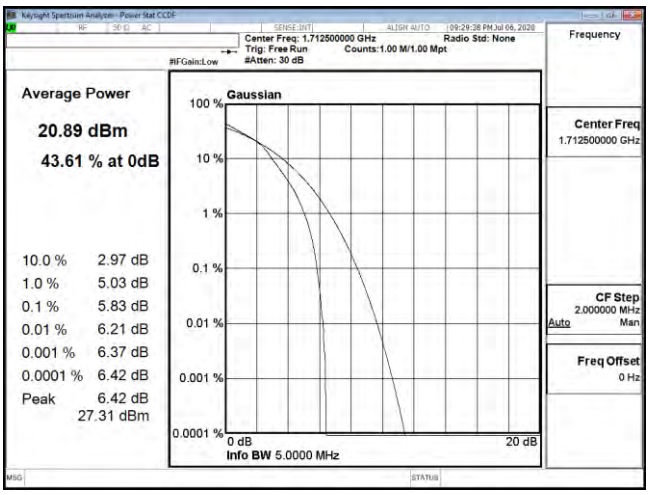
PTAR B4 3M CH20385 QPSK



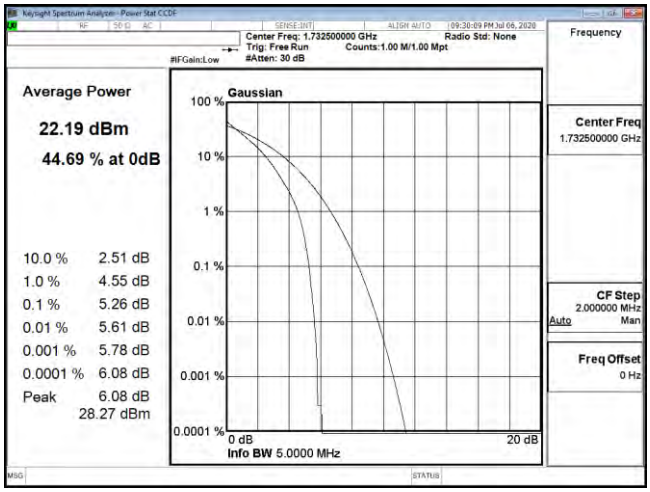
PTAR B4 3M CH20385 16QAM



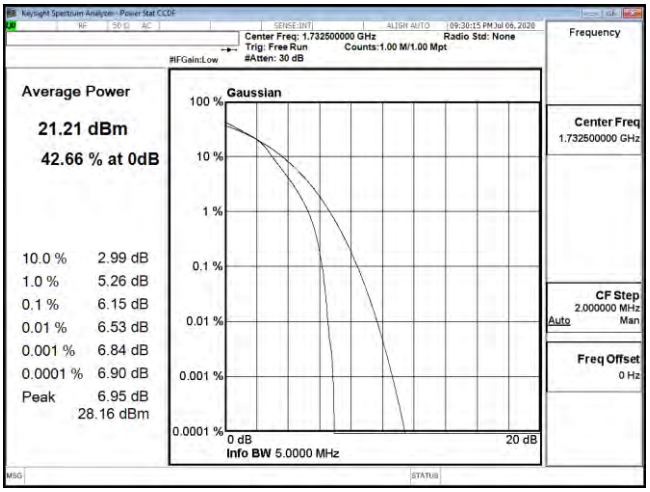
PTAR B4 5M CH19975 QPSK



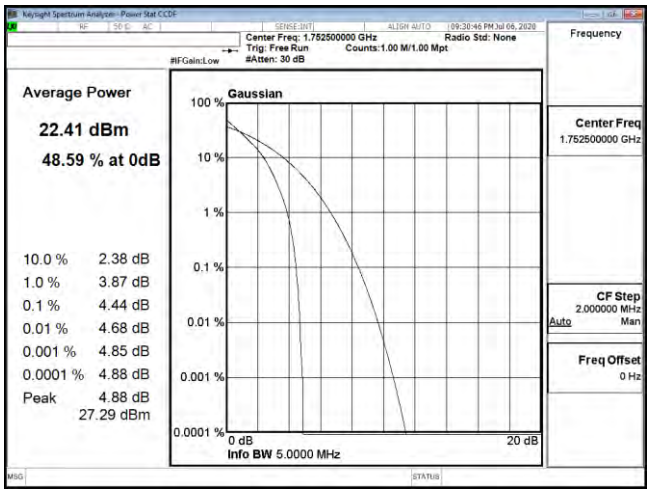
PTAR B4 5M CH19975 16QAM



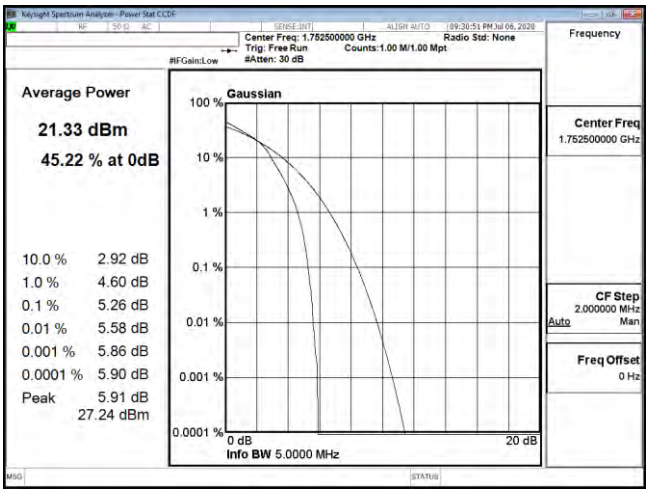
PTAR B4 5M CH20175 QPSK



PTAR B4 5M CH20175 16QAM



PTAR B4 5M CH20375 QPSK



PTAR B4 5M CH20375 16QAM